

Institute of Technology Carlow

Software Development

4th Year Project

E- Scratch Cards

Technical Manual

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Submission Date: April 4, 2017



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1. Introduction

The technical document includes the entire code used for the project. It is focussed for other programmers that might want to install your application on their device. It will be broken down into the different types of languages that I Used. The layout of the document will not be the most attractive due to the lack of time I had left to complete this document.

2. HTML Code

2.1 Index.php

```
<!--
```

```
Student: Daniel Cooney  
Student No: C00197455  
Project: E-Scratch Cards  
Supervisor: Lei Shi  
Due Date: 18 - 04 - 2018
```

```
Page - Index  
Purpose - First page accessed by the user.
```

```
-->
```

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
  <title>E-Scratch Cards</title>  
  <meta charset="utf-8">  
  <meta name="viewport" content="width=device-width, initial-  
scale=1">  
  <link rel="stylesheet"  
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstra  
p.min.css">  
  <link rel="stylesheet" type="text/css" href="css/style2.css">  
  <script  
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"  
></script>  
  <script  
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.  
min.js"></script>
```

```

                                <link                                rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
</head>
<body>
<!-- navbar -->
        <div class="navbar navbar-inverse navbar-fixed-top"
role="navigation">
        <div class="container-fluid">
        <div class="navbar-header">
                <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#myNavbar">
                <span class="sr-only">Toggle navigation</span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                </button>
                <a class="navbar-brand" href="index.php"></a>
        </div>
        <div class="collapse navbar-collapse" id="myNavbar">
        <nav class="fill">
                <ul class="nav navbar-nav navbar-right">
                        <li><a href="login.php"><span class="glyphicon
glyphicon-log-in"></span> Sign In</a></li>
                        <li><a href="register.php"><span class="glyphicon
glyphicon-pencil"></span> Register</a></li>
                </ul>
        </nav>
        </div>
        </div>
</div>

<!-- /navbar -->

<!--content -->
<div class="container">
        <div class="row">

                <!--Scratch Card 1 -->
                <div class="col-md-4">
                <div class="panel panel-primary">

                        <div class="panel-heading">
                                <strong>
                                <span class="glyphicon glyphicon-star"></span>

```

```

    EASY SCRATCH
    <span class="glyphicon glyphicon-star"></span>
  </strong>
</div>

<div class="panel-body">
  
</div>
<div class="panel-footer">
  <div class="dropdown">
    <button class="btn btn-primary dropdown-toggle btn btn-
info" type="button" data-toggle="dropdown" >
      <span class="glyphicon glyphicon-info-sign"></span> Info
    </button>
    <ul class="dropdown-menu">
      <li><a href="#">Top Prize - €100</a></li>
      <li class="divider"></li>
      <li><a href="#">Scratch Card Price - €1</a></li>
    </ul>
    <a href="login.php" class="btn btn-info"><span
class="glyphicon glyphicon-play"></span> Play Now</a>
    <a href="login.php" class="btn btn-info"><span
class="glyphicon glyphicon-gift"></span> Send as gift</a>
  </div>
</div>
</div>
</div>

<!--/Scratch Card 1 -->

<!--Scratch Card 2 -->
<div class="col-md-4">
<div class="panel panel-primary">

  <div class="panel-heading">
    <strong>
      <span class="glyphicon glyphicon-star"></span>
      A BIT OF LUCK
      <span class="glyphicon glyphicon-star"></span>
    </strong>
  </div>

  <div class="panel-body">

```

```

        
    </div>
    <div class="panel-footer">
        <div class="dropdown">
            <button class="btn btn-primary dropdown-toggle btn btn-
info" type="button" data-toggle="dropdown" >
                <span class="glyphicon glyphicon-info-sign"></span> Info
            </button>
            <ul class="dropdown-menu">
                <li><a href="#">Top Prize - €200</a></li>
                <li class="divider"></li>
                <li><a href="#">Scratch Card Price - €2</a></li>
            </ul>
            <a href="login.php" class="btn btn-info"><span
class="glyphicon glyphicon-play"></span> Play Now</a>
            <a href="login.php" class="btn btn-info"><span
class="glyphicon glyphicon-gift"></span> Send as gift</a>
        </div>
    </div>
</div>
</div>
<!--/Scratch Card 2 -->

<!--Scratch Card 3 -->
<div class="col-md-4">
    <div class="panel panel-primary">

        <div class="panel-heading">
            <strong>
                <span class="glyphicon glyphicon-star"></span>
                TEST THE BANK
                <span class="glyphicon glyphicon-star"></span>
            </strong>
        </div>

        <div class="panel-body">
            
        </div>
        <div class="panel-footer">
            <div class="dropdown">
                <button class="btn btn-primary dropdown-toggle btn btn-
info" type="button" data-toggle="dropdown" >
                    <span class="glyphicon glyphicon-info-sign"></span> Info
                </button>

```

```

    <ul class="dropdown-menu">
      <li><a href="#">Top Prize - €500</a></li>
      <li class="divider"></li>
      <li><a href="#">Scratch Card Price - €3</a></li>
    </ul>
      <a href="login.php" class="btn btn-info"><span
class="glyphicon glyphicon-play"></span> Play Now</a>
      <a href="login.php" class="btn btn-info"><span
class="glyphicon glyphicon-gift"></span> Send as gift</a>
    </div>
  </div>
</div>
</div>
</div>
<!--/Scratch Card 3 -->
<div class="container">
  <div class="row">

    <!--Scratch Card 4 -->
    <div class="col-md-4">
      <div class="panel panel-primary">

        <div class="panel-heading">
          <strong>
            <span class="glyphicon glyphicon-star"></span>
            <span class="glyphicon glyphicon-star-empty"></span>
            A BIGGER CHANCE
            <span class="glyphicon glyphicon-star-empty"></span>
            <span class="glyphicon glyphicon-star"></span>
          </strong>
        </div>

        <div class="panel-body">
          
        </div>
        <div class="panel-footer">
          <div class="dropdown">
            <button class="btn btn-primary dropdown-toggle btn btn-
info" type="button" data-toggle="dropdown" >
              <span class="glyphicon glyphicon-info-sign"></span> Info
            </button>
            <ul class="dropdown-menu">
              <li><a href="#">Top Prize - €1000</a></li>
              <li class="divider"></li>
              <li><a href="#">Scratch Card Price - €5</a></li>
            </ul>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>

```

```

        </ul>
        <a href="login.php" class="btn btn-info"><span
class="glyphicon glyphicon-play"></span> Play Now</a>
        <a href="login.php" class="btn btn-info"><span
class="glyphicon glyphicon-gift"></span> Send as gift</a>
    </div>
</div>
</div>
</div>
</div>

<!--/Scratch Card 4 -->

<!--Scratch Card 5 -->
<div class="col-md-4">
    <div class="panel panel-primary">

        <div class="panel-heading">
            <strong>
                <span class="glyphicon glyphicon-star"></span>
                <span class="glyphicon glyphicon-star-empty"></span>
                ALL SCRATCHED OUT
                <span class="glyphicon glyphicon-star-empty"></span>
                <span class="glyphicon glyphicon-star"></span>
            </strong>
        </div>

        <div class="panel-body">
            
        </div>
        <div class="panel-footer">
            <div class="dropdown">
                <button class="btn btn-primary dropdown-toggle btn btn-
info" type="button" data-toggle="dropdown" >
                    <span class="glyphicon glyphicon-info-sign"></span> Info
                </button>
                <ul class="dropdown-menu">
                    <li><a href="#">Top Prize - €5000</a></li>
                    <li class="divider"></li>
                    <li><a href="#">Scratch Card Price - €7</a></li>
                </ul>
                <a href="login.php" class="btn btn-info"><span
class="glyphicon glyphicon-play"></span> Play Now</a>
                <a href="login.php" class="btn btn-info"><span
class="glyphicon glyphicon-gift"></span> Send as gift</a>
            </div>

```



```

        </div>
    </div>
</div>

<!--/Scratch Card 5 -->
<!--Scratch Card 6 -->

<div class="col-sm-4">
    <div class="panel panel-primary">
        <div class="panel-heading">
            <strong>
                <span class="glyphicon glyphicon-star-empty"></span>
                <span class="glyphicon glyphicon-star-empty"></span>
                BIG WINNER
                <span class="glyphicon glyphicon-star-empty"></span>
                <span class="glyphicon glyphicon-star-empty"></span>
            </strong></div>
            <div class="panel-body"></div>
            <div class="panel-footer">
                <div class="dropdown">
                    <button class="btn btn-primary dropdown-toggle btn btn-
info" type="button" data-toggle="dropdown" >
                        <span class="glyphicon glyphicon-info-sign"></span> Info
                    </button>
                    <ul class="dropdown-menu">
                        <li><a href="#">Top Prize - €10,000</a></li>
                        <li class="divider"></li>
                        <li><a href="#">Scratch Card Price - €10</a></li>
                    </ul>
                    <a href="login.php" class="btn btn-info"><span
class="glyphicon glyphicon-play"></span> Play Now</a>
                    <a href="login.php" class="btn btn-info"><span
class="glyphicon glyphicon-gift"></span> Send as gift</a>

                </div>
            </div>
        </div>
    </div>
</div>
</div>
</div>
</div>
</div>
<!--/content -->

<!--footer -->

```

```

<footer class="page-footer font-small pt-4 mt-4">
  <!--Copyright-->
  <div class="footer-copyright text-center">
    © 2018 Copyright:
    <a href="index.php"> E-Scratch Cards.com </a>
  </div>
  <!--/.Copyright-->

</footer>

<!--`/footer -->

</body>
</html>

```

2.2 Login.php

```

<!DOCTYPE html>
<html lang="en">
<head>
  <title>E-Scratch Cards</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstra
p.min.css">
  <link rel="stylesheet" type="text/css" href="css/style2.css">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/font-
awesome/4.6.1/css/font-awesome.min.css">
  <link href='https://fonts.googleapis.com/css?family=Passion+One'
rel='stylesheet' type='text/css'>
  <link href='https://fonts.googleapis.com/css?family=Oxygen'
rel='stylesheet' type='text/css'>

```

```

<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"
></script>

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.
min.js"></script>
</head>
<body>
<!-- navbar -->
    <div class="navbar navbar-inverse navbar-fixed-top"
role="navigation">
    <div class="container-fluid">
    <div class="navbar-header">
        <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#myNavbar">
            <span class="sr-only">Toggle navigation</span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
        </button>
        <a class="navbar-brand" href="index.php"></a>
    </div>
    <div class="collapse navbar-collapse" id="myNavbar">
    <nav class="fill">
    <ul class="nav navbar-nav navbar-right">
        <li><a href="index.php"><span class="glyphicon glyphicon-
home"></span> Home</a></li>
        <li><a href="#"><span class="glyphicon glyphicon-log-
in"></span> Sign In</a></li>
        <li><a href="register.php"><span class="glyphicon glyphicon-
pencil"></span> Register</a></li>
    </ul>
    </ul>
    </nav>
    </div>
    </div>
</div>
<!-- /navbar -->
</div>
</div>
</nav>
<div class="container">
<div class="row">
    <div class="col-md-6 col-xs-12 col-centered">
        <div class="panel panel-primary">

```

```

        <div class="panel-heading text-center">Welcome
to E-Scratch Cards</div>
        <div class="panel-body">
            <form                                action="sql/login.php"
method="post">
                <div class="row">
                    <div class="col-md-12 col-xs-12 text-center">
                        <div class="form-group">
                            <strong>
                                <?php
                                session_start();
                                if(isset($_SESSION['logMsg']))
                                {
                                    echo $_SESSION['logMsg'];
                                }
                                ?>
                            </strong>
                        </div>
                    </div>
                </div>
                <div class="form-group">
                    <label for="name" class="cols-
sm-2 control-label">Your Email</label>
                    <div class="cols-sm-10">
                        <div class="input-group">
                            <span class="input-
group-addon"><i class="fa fa-user fa" aria-
hidden="true"></i></span>
                            <input type="text"
class="form-control" name="name" id="name"
placeholder="example@example.com"/>
                        </div>
                    </div>
                </div>
                <div class="form-group">
                    <label for="password"
class="cols-sm-2 control-label">Password</label>
                    <div class="cols-sm-10">
                        <div class="input-group">
                            <span class="input-
group-addon"><i class="fa fa-lock fa-lg" aria-
hidden="true"></i></span>

```

```

        type="password"        class="form-control"        <input
id="password" placeholder="Enter your Password"/>
        name="password"
    </div>
</div>
</div>
        <div class="form-group ">
            <input        type="submit"
name="register-submit"        id="register-submit"        tabindex="4"
class="btn btn-primary btn-lg btn-block login-button" value="Sign
In">
        </div>
    </form>
    <a href="resetpassword.php">Forgot your password?</a>
</div>
</div>
</div>
</div>
</div>
</div>
<!--footer -->
<footer class="page-footer font-small pt-4 mt-4">
    <!--Copyright-->
    <div class="footer-copyright text-center">
        © 2018 Copyright:
        <a href="index.php"> E-Scratch Cards.com </a>
    </div>
    <!--/.Copyright-->
</footer>
<!--`/footer -->
</body>
</html>

```

2.3 accdetails.php

```

<?php
session_start();
include 'sql/db.php';

$id = $_SESSION["id"];

$sql = "SELECT * FROM users WHERE `id` = '$id'";

```

```
//--- ACCESSING USER DATA FOR INPUT BOXES BELOW - //
$result = $conn->query($sql);
if ($result->num_rows > 0)
{
    while($row = $result->fetch_assoc())
    {
        $fname = $row['fname'];
        $lname = $row['lname'];
        $email = $row['email'];
        $dob = $row['dob'];
        $pass = $row['pass'];
        $county = $row['county'];
    }
}
else
{
    echo "error 1";
}
}
```

?>

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>E-Scratch Cards</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1">
                                <link                rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstra
p.min.css">
    <link rel="stylesheet" type="text/css" href="css/style2.css">
                                <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"
></script>
                                <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.
min.js"></script>
                                <link                rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
    <script src="js/jquery.payform.min.js" charset="utf-8"></script>
    <script src="js/script.js"></script>
```

```

</head>
<body>
  <!-- navbar -->
    <div class="navbar navbar-inverse navbar-fixed-top"
role="navigation">
      <div class="container-fluid">
        <div class="navbar-header">
          <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#myNavbar">
            <span class="sr-only">Toggle navigation</span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
          </button>
          <a class="navbar-brand" href="index.php"></a>
        </div>
        <div class="collapse navbar-collapse" id="myNavbar">
          <nav class="fill">
            <ul class="nav navbar-nav navbar-right">
              <li><a href="profile.php"><span class="glyphicon glyphicon-
home"></span> Home</a></li>
              <li><a href="redeem.php"><span class="glyphicon glyphicon
glyphicon-download"></span> Redeem Code</a></li>
              <li><a href="updateBalance.php"><span class="glyphicon glyphicon
glyphicon-gift"></span> Update Balance</a></li>
              <li><a href="#"><span class="glyphicon glyphicon glyphicon-
cog"></span> Account Settings</a></li>
              <li><a href="sql/logout.php"><span class="glyphicon glyphicon
glyphicon-log-out"></span> Sign Out</a></li>
            </ul>
          </ul>
        </nav>
      </div>
    </div>
  </div>
<div class="container" >

  <div class="row">

    <div class="col-md-6 col-xs-12">
      <div class="panel panel-primary">
        <div class="panel-heading">
          Account Details
        </div>

```

```

<div class="panel-body">
  <table id="example" class="display" style="width:100%">
    <tr>
      <td>Personal ID: </td>
      <td><input type="text" id="id" placeholder="<?php echo
$id ?>" value="<?php echo $id ?>" disabled></td>
    </tr>
    <tr>
      <td>First Name: </td>
      <td><input type="text" id="fname" name="fname"
placeholder="<?php echo $fname ?>" value="<?php echo
$fname ?>" disabled></td>
    </tr>
    <tr>
      <td>Last Name: </td>
      <td><input type="text" id="lname" name="lname"
placeholder="<?php echo $lname ?>" value="<?php echo
$lname ?>" disabled></td>
    </tr>
    <tr>
      <td>Email Address: </td>
      <td><input type="text" id="email" name="email"
placeholder="<?php echo $email ?>" value="<?php echo $email ?
>" disabled></td>
    </tr>
    <tr>
      <td>Date Of Birth: </td>
      <td><input type="text" id="dob" name="dob"
placeholder="<?php echo $dob ?>" value="<?php echo $dob ?>"
disabled></td>
    </tr>
    <tr>
      <td>Password: </td>
      <td><input type="text" id="password" name="password"
placeholder="<?php echo $pass ?>" value="<?php echo $pass ?>"
disabled></td>
    </tr>
    <tr>
      <td>County: </td>
      <td><input type="text" id="county" name="county"
placeholder="<?php echo $county ?>" value="<?php echo $county
?>" disabled></td>
    </tr>
  </table>

```



```

</div>
<div class="panel-footer">
    <button type="submit" class="btn btn-info"
onclick="Me();">Change</button>
    <button type="submit" class="btn btn-info"
>Update</button>
</div>
</div>
</div>

```

```

<!--script for above buttons -->
<script type="text/javascript">

```

```

function Me()
{
    if(document.getElementById("fname").disabled == true)
    {
        document.getElementById("fname").disabled = false;
        document.getElementById("lname").disabled = false;
        document.getElementById("email").disabled = false;
        document.getElementById("dob").disabled = false;
        document.getElementById("password").disabled = false;
        document.getElementById("county").disabled = false;
    }
    else
    {
        document.getElementById("fname").disabled = true;
        document.getElementById("lname").disabled = true;
        document.getElementById("email").disabled = true;
        document.getElementById("dob").disabled = true;
        document.getElementById("password").disabled = true;
        document.getElementById("county").disabled = true;
    }
}

```

```

</script>

```

```

<!--/script for above buttons -->

```

```

<div class="col-md-6 col-xs-12">
    <div class="panel panel-primary">
        <div class="panel-heading">
            Cards

```

```

</div>
<div class="panel-body">
  <div class="container-fluid">
    <table id="example" class="table table-striped table-
bordered" style="width:100%">
      <thead>
        <tr>
          <th>Card Number</th>
          <th>Expiry Date</th>
          <th>Date Added</th>
          <th></th>
        </tr>
      </thead>
      <tbody>
        <tr>
          <?php

          $id = $_SESSION["id"];
          $sql = "SELECT * FROM usercards WHERE id = '$id '
";

          $result = $conn->query($sql);

          while($row = mysqli_fetch_array($result))
          {
            echo "<tr>";
            echo "<td>" . $row['cardno'] . "</td>";
            echo "<td>" . $row['expirydate'] . "</td>";
            echo "<td>" . $row['cardadded'] . "</td>";
            echo "<td>" . "<input type='checkbox'>" . "</td>";
            echo "</tr>";
          }
          ?>
        </tr>
      </tbody>
    </table>
  </div>
</div>
<div class="panel-footer">
  <div class="form-group" id="pay-now">
    <button type="submit" class="btn btn-info" id="confirm-
purchase">Delete Selected Card(s)</button>
  </div>
</div>
</div>
</div>

```

```
</div>
```

```
<div class="row">
```

```
<div class="col-md-4 col-xs-12">
```

```
<div class="panel panel-primary">
```

```
<div class="panel-heading">
```

```
Collect Balance
```

```
</div>
```

```
<div class="panel-body">
```

```
<p><label>Current Balance: €<?php echo  
$_SESSION["balance"] ?> </label></p>
```

```
</div>
```

```
<div class="panel-footer">
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="col-md-2 col-xs-12">
```

```
</div>
```

```
<div class="col-md-6 col-xs-12">
```

```
<div class="panel panel-primary">
```

```
<div class="panel-heading">
```

```
Add A Card
```

```
</div>
```

```
<div class="panel-body">
```

```
<div class="container-fluid">
```

```
<div class="creditCardForm">
```

```
<div class="payment">
```

```
<form method="post" action="sql/addpayment.php">
```

```
<div class="form-group owner">
```

```
<label for="owner">Owner</label>
```

```
<input type="text" class="form-control"  
name="owner" id="owner">
```

```
</div>
```

```
<div class="form-group CVV">
```

```
<label for="cvv">CVV</label>
```

```
<input type="text" class="form-control" name="cvv"  
id="cvv">
```

```
</div>
```

```
<div class="form-group" id="card-number-field">
```

```
<label for="cardNumber">Card Number</label>
```

```

        <input type="text" class="form-control"
name="cardNumber" id="cardNumber">
    </div>
    <div class="form-group">
        <label>Expiration Date</label>
        <select name ="expirymonth" id="expirymonth" >
            <option value="01">January</option>
            <option value="02">February </option>
            <option value="03">March</option>
            <option value="04">April</option>
            <option value="05">May</option>
            <option value="06">June</option>
            <option value="07">July</option>
            <option value="08">August</option>
            <option value="09">September</option>
            <option value="10">October</option>
            <option value="11">November</option>
            <option value="12">December</option>
        </select>
        <select name ="expiryyear" id="expiryyear">
            <option value="16"> 2019</option>
            <option value="17"> 2020</option>
            <option value="18"> 2021</option>
            <option value="19"> 2022</option>
            <option value="20"> 2023</option>
            <option value="21"> 2024</option>
        </select>
    </div>
    <div class="form-group" id="credit_cards">
        
        
        
    </div>
</div>
</div>
</div>
</div>
<div class="panel-footer">
    <div class="form-group" id="pay-now">
        <button type="submit" class="btn btn-info" id="confirm-
purchase">Add Card</button>
    </div>
</div>
</div>

```

```
</div>
</div>
</form>
```

```
</div>
```

```
<footer class="container-fluid text-center">
  <p>Online Store Copyright</p>
  <form class="form-inline">Get deals:
    <input type="email" class="form-control" size="50"
placeholder="Email Address">
    <button type="button" class="btn btn-danger">Sign
Up</button>
  </form>
</footer>
```

```
</body>
</html>
<script src="js/scratchie.js"></script>
<script>
```

```
(function()
{
    var scratchie = new Scratchie('[data-scratchie]', {brush:
'img/brush.png',
    onRenderEnd: function()
    {
        // Show the form when Image is loaded.
        this.element.querySelectorAll('.scratchie__secret')
[0].style.visibility = 'visible';
    },
    onScratchMove: function(filledInPixels) {
        //console.log(filledInPixels + '%');
    }
    });

    // Global expose
    window.scratchie = scratchie;
})();
```

```
</script>
```

2.4 accPayment.php

```
<?php
  session_start();
?>

<!DOCTYPE html>
<html lang="en">
<head>
  <title>E-Scratch Cards</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstra
p.min.css">
  <link rel="stylesheet" type="text/css" href="css/style.css">
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"
></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.
min.js"></script>
  <script src="js/jquery.payform.min.js" charset="utf-8"></script>
  <script src="js/script.js"></script>

</head>
<body>
<nav class="navbar navbar-inverse">
  <div class="container-fluid">
    <div class="navbar-header">
      <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#myNavbar">
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
      </button>
```

```

                <a class="navbar-brand" href="index.php"></a>
            </div>
            <div class="collapse navbar-collapse" id="myNavbar">
                <nav class="fill">
                    <ul class="nav navbar-nav navbar-right">
                        <li><a href="index.php"><span class="glyphicon glyphicon-
home"></span> Home</a></li>
                        <li><a href="#"><span class="glyphicon glyphicon-
user"></span> Sign Out</a></li>
                    </ul>
                </nav>
            </div>
        </div>
    </nav>
    <div class="container">
        <div class="row">
            <div class="col-md-12 col-xs-`12">
                <div class="panel panel-primary">
                    <div class="panel-heading">Payment Methods</div>
                    <div class="panel-body">
                    </div>
                    <div class="panel-footer">
                        <a href="#" class="btn btn-info"><span class="glyphicon
glyphicon-info-sign"></span>Add Payment</a>
                        <a href="updateBalance.php" class="btn btn-info"><span
class="glyphicon glyphicon-gift"></span> Update Balance</a>
                        <a href="viewCards.php" class="btn btn-info"><span
class="glyphicon glyphicon-gift"></span> View Cards</a>
                        <a href="purchase.php" class="btn btn-info"><span
class="glyphicon glyphicon-euro"></span> Redeem
Code</a></span></a></span></a></div>
                    </div>
                </div>
            </div>
            <div class="row">
                <div class="col-md-12 col-xs-`12">
                    <div class="panel panel-primary">
                        <div class="panel-heading">Add A Card</div>
                        <div class="panel-body">
                            <div class="container-fluid">

                            <div class="creditCardForm">
                                <div class="payment">
                                    <form method="post" action="sql/addpayment.php">
                                        <div class="form-group owner">

```

```

        <label for="owner">Owner</label>
        <input type="text" class="form-control"
name="owner" id="owner">
    </div>
    <div class="form-group CVV">
        <label for="cvv">CVV</label>
        <input type="text" class="form-control" name="cvv"
id="cvv">
    </div>
    <div class="form-group" id="card-number-field">
        <label for="cardNumber">Card Number</label>
        <input type="text" class="form-control"
name="cardNumber" id="cardNumber">
    </div>
    <div class="form-group">
        <label>Expiration Date</label>
        <select name ="expirymonth" id="expirymonth" >
            <option value="01">January</option>
            <option value="02">February </option>
            <option value="03">March</option>
            <option value="04">April</option>
            <option value="05">May</option>
            <option value="06">June</option>
            <option value="07">July</option>
            <option value="08">August</option>
            <option value="09">September</option>
            <option value="10">October</option>
            <option value="11">November</option>
            <option value="12">December</option>
        </select>
        <select name ="expiryyear" id="expiryyear">
            <option value="16"> 2016</option>
            <option value="17"> 2017</option>
            <option value="18"> 2018</option>
            <option value="19"> 2019</option>
            <option value="20"> 2020</option>
            <option value="21"> 2021</option>
        </select>
    </div>
    <div class="form-group" id="credit_cards">
        
        
        
    </div>

```



```
    </div>
  </div>
</div>
<div class="panel-footer">
  <div class="form-group" id="pay-now">
    <button type="submit" class="btn btn-info" id="confirm-
purchase">Add Card</button>
  </div>
</form>
</div>
</div>
</div>
</div>
</div>
```

```
</div>
```

```
</div>
```

```
<footer class="container-fluid text-center">
```

```
<p>Online Store Copyright</p>
```

```
<form class="form-inline">Get deals:
```

```
<input type="email" class="form-control" size="50"
placeholder="Email Address">
```

```
<button type="button" class="btn btn-danger">Sign
Up</button>
```

```
</form>
```

```
</footer>
```

```
</body>
```

```
</html>
```

2.5 changepassword.php

```
<!--  
  
|  
|  
|   Authors:   | Daniel Cooney   |  
|  
  
-->  
  
<?php  
  
include 'sql/db.php';  
  
//-----Checking for account locked-----  
if (!empty($_SERVER['HTTP_CLIENT_IP']))  
{  
$ip = $_SERVER['HTTP_CLIENT_IP'];  
}  
elseif (!empty($_SERVER['HTTP_X_FORWARDED_FOR']))  
{  
$ip = $_SERVER['HTTP_X_FORWARDED_FOR'];  
}  
else  
{  
$ip = $_SERVER['REMOTE_ADDR'];  
}  
  
$rport = $_SERVER['REMOTE_PORT'];  
$browser = $_SERVER['HTTP_USER_AGENT'];  
$strForSession = (string)$browser. (string)$ip;  
session_start();  
$_SESSION['errMsg'] = "";  
$tokenSession = $_SESSION["token"];  
$strForSession = md5($strForSession);  
$_SESSION["PreAuthSess"]=$strForSession;  
$strForSession = $_SESSION["PreAuthSess"];  
  
$result = $conn->query("SELECT Counter FROM activesession  
WHERE SessionID='$strForSession'");  
  
if (!$result)  
{
```

```

        die('Could not query:' . mysql_error());
    }
    else
    {
        $counter = ($result->fetch_row())[0];
        if ($counter > 4)
        {
            header("Location:tempLock.php");
            exit();
        }
    }
    // -----
    if (isset($_POST["changePass"]))
    {
        $sql = "SELECT `Tstamp` FROM `users` WHERE `token` =
'$tokenSession'";
        $result = mysqli_query($conn,$sql);
        if (!$result)
        {
            die('Could not query:' . mysql_error());
        }
        else
        {
            $tokenTimeCreated = ($result->fetch_row())[0];
            date_default_timezone_set('Europe/Dublin');
            $currentTime = date('Y-m-d H:i:s');
            $differenceInSeconds = strtotime($currentTime) -
strtotime($tokenTimeCreated);

            if((int)$differenceInSeconds > 300)
            {
                session_destroy();
                header("Location:resetpassword.php");
                exit();
            }
        }
    }
    else
    {
        $sql = "SELECT * FROM users";
        $result = $conn->query($sql);
        //Check to see if database is empty
        if ($result->num_rows > 0)
        {
            while($row = $result->fetch_assoc())
            {
                $dbuserid = $row['id'];
                $dbemail = $row['email'];
            }
        }
    }
}

```

```

        $dbdob = $row['dob'];
        $dbtoken = $row['token'];

        $email = $conn-
>real_escape_string($_POST["email"]);
        $dob = $conn-
>real_escape_string($_POST["dob"]);
        $token = $conn-
>real_escape_string($_POST["token"]);
        $password = $conn-
>real_escape_string($_POST["password"]);
        $cpassword = $conn-
>real_escape_string($_POST["cpassword"]);

        //check if the email exists
        if($email == $dbemail && $dob ==
$dbdob && $token == $dbtoken && $cpassword == $password)
        {
            if ( strlen ($password) >= 8 &&
preg_match("#[0-9]+#", $password) && preg_match("#[A-Z]+#",
$password) && preg_match("#[a-z]+#", $password) &&
preg_match("/[!@#$%^&*()\-_=+{};:,<.>]"/, $password))
            {
                $i = "1";
                break;
            }
            else
            {
                $_SESSION['errMsg'] =
"Incorrect Password provided";
                $i = "0";
                break;
            }
        }
        else
        {
            $i = "0";
        }
    }

    if ($i == "1")
    {
        $newpass = $_POST['password'];
        $sql = "UPDATE users SET
pass='$newpass', token =" WHERE email='$dbemail";
        if (!mysqli_query($conn,$sql))

```



```

<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"
></script>

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.
min.js"></script>
</head>
<body>
<!-- navbar -->
    <div class="navbar navbar-inverse navbar-fixed-top"
role="navigation">
    <div class="container-fluid">
    <div class="navbar-header">
        <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#myNavbar">
            <span class="sr-only">Toggle navigation</span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
        </button>
        <a class="navbar-brand" href="index.php"></a>
    </div>
    <div class="collapse navbar-collapse" id="myNavbar">
    <nav class="fill">
    <ul class="nav navbar-nav navbar-right">
        <li><a href="index.php"><span class="glyphicon glyphicon-
home"></span> Home</a></li>
        <li><a href="#"><span class="glyphicon glyphicon-log-
in"></span> Sign In</a></li>
        <li><a href="register.php"><span class="glyphicon glyphicon-
pencil"></span> Register</a></li>
    </ul>
    </ul>
    </nav>
    </div>
    </div>
</div>
<!-- /navbar -->

<div class="container">
<div class="row">
    <div class="col-md-4 col-md-offset-4">
        <div class="panel panel-default">
            <div class="panel-body">
                <div class="text-center">

```

```

                <a                href='index.php'><span
class='glyphicon glyphicon-home'></span><br>Home</a>
            </div>
        </div>
    </div>
</div>
</div>
<div class="container">
    <div class="row">
        <div class="col-md-4 col-md-offset-4">
            <div class="panel panel-default">
                <div class="panel-body">
                    <div class="text-center">
                        <?php

                                if(!empty($_SESSION['errMsg']))
                                {
                                    echo $_SESSION['errMsg'];
                                }

                                ?>

                                <h3><span    class="glyphicon
glyphicon-cog"></span></h3>
                                <h2                class="text-center">Change
Password</h2>
                                <div class="panel-body">
                                    <form    id="forgotPass"    role="form"
autocomplete="off" class="form" method="post">
                                        <div class="form-group">
                                            <div class="input-group">
                                                <span    class="input-group-addon"><i
class="glyphicon glyphicon-envelope color-blue"></i></span>
                                                <input    id="email"    name="email"
placeholder="email address" class="form-control"    type="email"
required>
                                            </div>
                                            <div class="input-group">
                                                <span    class="input-group-addon"><i
class="glyphicon glyphicon-calendar color-blue"></i></span>
                                                <input        id="dob"        name="dob"
placeholder="date of birth" class="form-control"    type="date"
required>
                                            </div>
                                        </div>
                                </div>

```



```

        </div>
    </div>
</div>
</div>

<!--footer -->
<footer class="page-footer font-small pt-4 mt-4">
    <!--Copyright-->
    <div class="footer-copyright text-center">
        © 2018 Copyright:
        <a href="index.php"> E-Scratch Cards.com </a>
    </div>
    <!--/.Copyright-->

</footer>
</body>
</html>

```

2.6 giftcard.php

```

<?php
    session_start();
    include 'sql/db.php';

    if(isset($_POST['sg1']))
    {
        $_SESSION['sg1'] = $_POST['sg1'];
        unset($_SESSION['sg2']);
        unset($_SESSION['sg3']);
        unset($_SESSION['sg4']);
        unset($_SESSION['sg5']);
        unset($_SESSION['sg6']);
    }
    if(isset($_POST['sg2']))
    {
        $_SESSION['sg2'] = $_POST['sg2'];
        unset($_SESSION['sg1']);
        unset($_SESSION['sg3']);
        unset($_SESSION['sg4']);
        unset($_SESSION['sg5']);
        unset($_SESSION['sg6']);
    }
    if(isset($_POST['sg3']))

```

```

{
    $_SESSION['sg3'] = $_POST['sg3'];
    unset($_SESSION['sg1']);
    unset($_SESSION['sg2']);
    unset($_SESSION['sg4']);
    unset($_SESSION['sg5']);
    unset($_SESSION['sg6']);
}
if(isset($_POST['sg4']))
{
    $_SESSION['sg4'] = $_POST['sg4'];
    unset($_SESSION['sg1']);
    unset($_SESSION['sg3']);
    unset($_SESSION['sg2']);
    unset($_SESSION['sg5']);
    unset($_SESSION['sg6']);
}
if(isset($_POST['sg5']))
{
    $_SESSION['sg5'] = $_POST['sg5'];
    unset($_SESSION['sg1']);
    unset($_SESSION['sg3']);
    unset($_SESSION['sg4']);
    unset($_SESSION['sg2']);
    unset($_SESSION['sg6']);
}
if(isset($_POST['sg6']))
{
    $_SESSION['sg6'] = $_POST['sg6'];
    unset($_SESSION['sg1']);
    unset($_SESSION['sg3']);
    unset($_SESSION['sg2']);
    unset($_SESSION['sg5']);
    unset($_SESSION['sg4']);
}
}

```

?>

```

<!DOCTYPE html>
<html lang="en">
<head>
    <title>E-Scratch Cards</title>
    <meta charset="utf-8">

```

```

    <meta name="viewport" content="width=device-width, initial-
scale=1">
                                <link
                                rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstra
p.min.css">
    <link rel="stylesheet" type="text/css" href="css/style2.css">
                                <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"
></script>
                                <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.
min.js"></script>
</head>
<body>
    <div class="navbar navbar-inverse navbar-fixed-top"
role="navigation">
    <div class="container-fluid">
    <div class="navbar-header">
        <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#myNavbar">
            <span class="sr-only">Toggle navigation</span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
        </button>
        <a class="navbar-brand" href="index.php"></a>
    </div>
    <div class="collapse navbar-collapse" id="myNavbar">
    <nav class="fill">
    <ul class="nav navbar-nav navbar-right">
        <li><a href="redeem.php"><span class="glyphicon
glyphicon-download"></span> Redeem Code</a></li>
        <li><a href="updateBalance.php"><span class="glyphicon
glyphicon-gift"></span> Update Balance</a></li>
        <li><a href="accdetails.php"><span class="glyphicon
glyphicon-cog"></span> Account Settings</a></li>
        <li><a href="sql/logout.php"><span class="glyphicon
glyphicon-log-out"></span> Sign Out</a></li>
    </ul>
    </ul>
    </nav>
    </div>
    </div>
</div>
<div class="container" >

```

```

<div class="row">
  <div class="col-md-8 col-xs-12 col-centered">
    <div class="panel panel-primary">
      <div class="panel-body">

        <div class="row">
          <div class="col-md-12 col-xs-12 text-center">
            <div class="form-group">
              <p><header><b>Gift Scratch
Cards</b></header></p>
              <p><content>Gift Scratch Cards are a way of sending a
friend or family member a scratch card online that<br> they can use
whenever they decide. If you click purchase a total of (PHP CODE)
will be deducted from your account. You will be
presented with a 12 digit code, that can be reedemeed at any
time.<br>
              <i>This is the code you send to your friend so they can
use a scratch card. </i></content></p>
            </div>
          </div>
        </div>
      </div>
    </div>

    <div class="row">
      <div class="col-md-6 col-xs-12 col-centered">
        <?php echo "<h3>" .$_SESSION['sc1t']. "</h3>"?>
      </div>
    </div>

    <div class="row">
      <div class="col-md-6 col-xs-6 col-centered">
        <form action="sql/token.php" method="post">
          <input type="submit" name="sg1" id="sg1"
tabindex="4" class="btn btn-primary btn-block login-button"
value="Purchase"> </form>

        </div>
      </div>
      <input type="button" value="Print this page"
onClick="window.print()" >
    </div>
  </div>
</div>
</div>
</div>
</div>

```

```

<!--footer -->
<footer class="page-footer font-small pt-4 mt-4">
  <!--Copyright-->
  <div class="footer-copyright text-center">
    © 2018 Copyright:
    <a href="index.php"> E-Scratch Cards.com </a>
  </div>
  <!--/.Copyright-->

```

```

</footer>

```

```

<!--`/footer -->

```

```

</body>

```

```

</html>

```

```

<script src="js/scratchie.js"></script>

```

```

<script>

```

```

(function()

```

```

{

```

```

    var scratchie = new Scratchie('[data-scratchie]', {brush:
'img/brush.png',

```

```

    onRenderEnd: function()

```

```

    {

```

```

        // Show the form when Image is loaded.

```

```

            this.element.querySelectorAll('.scratchie__secret')

```

```

[0].style.visibility = 'visible';

```

```

    },

```

```

    onScratchMove: function(filledInPixels) {

```

```

        //console.log(filledInPixels + '%');

```

```

    }

```

```

});

```

```

// Global expose

```

```

window.scratchie = scratchie;

```

```

})();

```

```

</script>

```

2.7 profile.php

```

<?php

```

```

    session_start();

```

```

include 'sql/db.php';
include 'sql/newuser.php';
include 'sql/purchaseSC1.php';
include 'sql/purchaseSC2.php';
include 'sql/purchaseSC3.php';
include 'sql/purchaseSC4.php';
include 'sql/purchaseSC5.php';
include 'sql/purchaseSC6.php';
$_SESSION['sc1t'] = "";

?>

<!DOCTYPE html>
<html lang="en">
<head>
  <title>E-Scratch Cards</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstra
p.min.css">
  <link rel="stylesheet" type="text/css" href="css/style2.css">
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"
></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.
min.js"></script>
  <style>

    .scratchie {
      border: 3px solid #BFBBBB;
      width: 100%;
      height: 150px;
    }
  </style>
</head>
<body>
<!-- navbar -->
  <div class="navbar navbar-inverse navbar-fixed-top"
role="navigation">
  <div class="container-fluid">
    <div class="navbar-header">

```

```

        <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#myNavbar">
        <span class="sr-only">Toggle navigation</span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
    </button>
        <a class="navbar-brand" href="index.php"></a>
    </div>
    <div class="collapse navbar-collapse" id="myNavbar">
    <nav class="fill">
    <ul class="nav navbar-nav navbar-right">
        <li><a href="redeem.php"><span class="glyphicon
glyphicon-download"></span> Redeem Code</a></li>
        <li><a href="updateBalance.php"><span class="glyphicon
glyphicon-gift"></span> Update Balance</a></li>
        <li><a href="accdetails.php"><span class="glyphicon
glyphicon-cog"></span> Account Settings</a></li>
        <li><a href="sql/logout.php"><span class="glyphicon
glyphicon-log-out"></span> Sign Out</a></li>
    </ul>
    </ul>
    </nav>
    </div>
    </div>
</div>
<!-- /navbar -->
<div class="container">

    <div class="row">
    <div class="col-md-8 col-xs-12">
    <div class="panel panel-primary">
    <div class="panel-heading">
        <span class="glyphicon glyphicon-user"></span> Welcome
Back - <?php echo $_SESSION["currentUser"] ?>
    </div>
    <div class="panel-body">
    <div class="row">
    <div class="col-md-8 col-xs-6">
        <p><label>Current Balance: €<?php echo
$_SESSION["balance"] ?> </label></p>
    </div>
    </div>
    </div>
    </div>
    </div>

```

```
</div>
```

```
<div class="col-md-4 col-xs-12">  
<div class="panel panel-primary">  
  <div class="panel-heading">  
    Free Scratch Cards  
  </div>  
  <div class="panel-body">  
    <div class="row">  
      <div class="col-md-12 col-xs-12">  
        <table>  
          <tr>  
            <th>Type</th>  
            <th>Amount</th>  
          </tr>  
          <tr>  
            <td>Easy Scratch</td>  
            <td><?php echo $_SESSION["fg1"] ?></td>  
          </tr>  
          <tr>  
            <td>A Bit Of Luck</td>  
            <td><?php echo $_SESSION["fg2"] ?></td>  
          </tr>  
          <tr>  
            <td>Test The Bank</td>  
            <td><?php echo $_SESSION["fg3"] ?></td>  
          </tr>  
          <tr>  
            <td>A Bigger Chance</td>  
            <td><?php echo $_SESSION["fg4"] ?></td>  
          </tr>  
          <tr>  
            <td>All Scratched Out</td>  
            <td><?php echo $_SESSION["fg5"] ?></td>  
          </tr>  
          <tr>  
            <td>Big Winner</td>  
            <td><?php echo $_SESSION["fg6"] ?></td>  
          </tr>  
        </table>  
      </div>  
    </div>  
  </div>  
</div>
```



```
</div>
</div>
</div>
</div>
```

```
<div class="row">
```

```
<!-- Easy Scratch -->
<div class="col-sm-4">
  <div class="panel panel-primary">
    <div class="panel-heading">
      <strong>
        <span class="glyphicon glyphicon-star"></span>
        EASY SCRATCH
        <span class="glyphicon glyphicon-star"></span>
      </strong>
      <br>
      <?php if(isset($_SESSION['scMss']))
        {
          echo $_SESSION['scMss'];
        }; ?>
    </div>
```

```

    <div class="scratchie" data-scratchie="#BFBBBB">
      <div class="scratchie__secret" style="visibility: hidden;">
        <div class="panel-body">
          <div class="text-center">
            <div class="row">
              <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p1"] ?></p></div>
              <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p2"] ?></p></div>
            </div>
            <div class="row">
              <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p3"] ?></p></div>
              <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p4"] ?></p></div>
            </div>
            <div class="row">
              <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p5"] ?></p></div>
              <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p6"] ?></p></div>
```

```

    </div>
    <div class="row">
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p7"] ?></p></div>
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p8"] ?></p></div>
    </div>
</div>
</div>
</div>
</div>
</div>
<div class="panel-footer">
    <div class = "row " >

        <div class="col-md-4 col-xs-4 ">
            <form action="profile.php">
                <button type="submit" class="btn btn-info"
name="insert" value="Play" onclick="insert()"/>
                <span class="glyphicon glyphicon-play"></span> Play
            </button>
        </form>
    </div>

        <div class="col-md-4 col-xs-4 ">
            <form action="giftcard.php" method ="post">
                <button type="submit" class="btn btn-info" name="sg1"
id="sg1" value="Play1"/>
                <span class="glyphicon glyphicon-gift"></span> Send as
gift
            </button>
        </form>
    </div>

        <div class="col-md-4 col-xs-4">
            <button class="btn btn-primary dropdown-toggle btn btn-
info" type="button" data-toggle="dropdown" >
                <span class="glyphicon glyphicon-info-sign"></span> Info
            </button>
            <ul class="dropdown-menu">
                <li><a href="#">Top Prize - €100</a></li>
                <li class="divider"></li>
                <li><a href="#">Scratch Card Price - €1</a></li>
            </ul>

```

```

</div>

</div>
<br>
<div class = "row " >
  <div class="col-md-12 col-xs-4">
    <form action="profile.php">
      <button type="submit" class="btn btn-info"
name="usefreego1" value="Play" onclick="usefreego1()"/>
      <span class="glyphicon glyphicon-thumbs-up"></span>
Use Free Go
    </button>
  </form>
</div>
</div>
</div>
</div>
</div>
</div>
</div>

<!-- /Easy Scratch -->

<!-- A BIT OF LUCK -->

<div class="col-sm-4">
<div class="panel panel-primary">
  <div class="panel-heading">
    <strong>
      <span class="glyphicon glyphicon-star"></span>
      A BIT OF LUCK
      <span class="glyphicon glyphicon-star"></span>
    </strong>
    <br>
    <?php if(isset($_SESSION['scMss2']))
      {
        echo $_SESSION['scMss2'];
      }; ?>
  </div>

  <div class="scratchie" data-scratchie="#BFBBBB">
    <div class="scratchie__secret" style="visibility: hidden;">
      <div class="panel-body">
        <div class = "text-center">
          <div class="row">
            <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p9"] ?></p></div>

```

```

        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p10"] ?></p></div>
    </div>
    <div class="row">
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p11"] ?></p></div>
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p12"] ?></p></div>
    </div>
    <div class="row">
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p13"] ?></p></div>
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p14"] ?></p></div>
    </div>
    <div class="row">
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p15"] ?></p></div>
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p16"] ?></p></div>
    </div>
</div>
</div>
</div>
</div>
</div>
<div class="panel-footer">
    <div class = "row " >

        <div class="col-md-4 col-xs-4 ">
            <form action="profile.php">
                <button type="submit" class="btn btn-info" name="sc2"
value="Play" onclick="sc2()"/>
                <span class="glyphicon glyphicon-play"></span> Play
            </button>
            </form>
        </div>
        <div class="col-md-4 col-xs-4 ">
            <form action="giftcard.php" method ="post">
                <button type="submit" class="btn btn-info" name="sg2"
id="sg2" value="Play2"/>
                <span class="glyphicon glyphicon-gift"></span> Send as
gift
            </button>
            </form>
        </div>
    </div>

```

```

    <div class="col-md-4 col-xs-4">
      <button class="btn btn-primary dropdown-toggle btn btn-
info" type="button" data-toggle="dropdown" >
        <span class="glyphicon glyphicon-info-sign"></span> Info
      </button>
      <ul class="dropdown-menu">
        <li><a href="#">Top Prize - €200</a></li>
        <li class="divider"></li>
        <li><a href="#">Scratch Card Price - €2</a></li>
      </ul>
    </div>
  </div>

```

```

<br>
<div class = "row " >
  <div class="col-md-12 col-xs-4">
    <form action="profile.php">
      <button type="submit" class="btn btn-info"
name="usefreego2" value="Play" onclick="usefreego2()"/>
      <span class="glyphicon glyphicon-thumbs-up"></span>
Use Free Go
    </button>
  </form>
</div>
</div>
</div>

```

```

</div>
</div>

```

```

<!-- /A BIT OF LUCK -->

```

```

<!-- TEST THE BANK -->

```

```

<div class="col-sm-4">
  <div class="panel panel-primary">
    <div class="panel-heading">
      <strong>
        <span class="glyphicon glyphicon-star"></span>
        TEST THE BANK
        <span class="glyphicon glyphicon-star"></span>
      </strong>
    <br>
    <?php if(isset($_SESSION['scMss3']))
      {

```

```

        echo $_SESSION['scMss3'];
    }; ?>
</div>

<div class="scratchie" data-scratchie="#BFBBBB">
    <div class="scratchie__secret" style="visibility: hidden;">
        <div class="panel-body">
            <div class = "text-center">
                <div class="row">
                    <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p17"] ?></p></div>
                    <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p18"] ?></p></div>
                </div>
                <div class="row">
                    <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p19"] ?></p></div>
                    <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p20"] ?></p></div>
                </div>
                <div class="row">
                    <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p21"] ?></p></div>
                    <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p22"] ?></p></div>
                </div>
                <div class="row">
                    <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p23"] ?></p></div>
                    <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p24"] ?></p></div>
                </div>
            </div>
        </div>
    </div>
<div class="panel-footer">
    <div class = "row " >

        <div class="col-md-4 col-xs-4 ">
            <form action="profile.php">
                <button type="submit" class="btn btn-info" name="sc3"
value="Play" onclick="sc3()"/>
                <span class="glyphicon glyphicon-play"></span> Play
            </button>
        </form>

```

```
</div>
<div class="col-md-4 col-xs-4 ">
  <form action="giftcard.php" method ="post">
    <button type="submit" class="btn btn-info" name="sg3"
id="sg3" value="Play"/>
    <span class="glyphicon glyphicon-gift"></span> Send as
gift
  </button>
</form>
</div>
```

```
<div class="col-md-4 col-xs-4">
  <button class="btn btn-primary dropdown-toggle btn btn-
info" type="button" data-toggle="dropdown" >
  <span class="glyphicon glyphicon-info-sign"></span> Info
</button>
<ul class="dropdown-menu">
  <li><a href="#">Top Prize - €500</a></li>
  <li class="divider"></li>
  <li><a href="#">Scratch Card Price - €3</a></li>
</ul>
</div>
```

```
</div>
<br>
<div class = "row " >
  <div class="col-md-12 col-xs-4">
    <form action="profile.php">
      <button type="submit" class="btn btn-info"
name="usefreego3" value="Play" onclick="usefreego3()"/>
      <span class="glyphicon glyphicon-thumbs-up"></span>
Use Free Go
    </button>
  </form>
</div>
</div>
</div>
```

```
</div>
</div>
<div class="row">
  <div class="col-md-12">
```

```

        <!-- SPACE BETWEEN THE BOXES -->
    </div>
</div>
<!-- /TEST THE BANK -->
<div class="container">

    <div class="row">

        <div class="col-sm-4">
            <div class="panel panel-primary">
                <div class="panel-heading">
                    <strong>
                        <span class="glyphicon glyphicon-star"></span>
                        A BIGGER CHANCE
                        <span class="glyphicon glyphicon-star"></span>
                    </strong>
                    <br>
                    <?php if(isset($_SESSION['scMss4']))
                        {
                            echo $_SESSION['scMss4'];
                        }; ?>
                </div>

                <div class="scratchie" data-scratchie="#BFBBBB">
                    <div class="scratchie__secret" style="visibility: hidden;">
                        <div class="panel-body">
                            <div class="text-center">
                                <div class="row">
                                    <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p25"] ?></p></div>
                                    <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p26"] ?></p></div>
                                </div>
                                <div class="row">
                                    <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p27"] ?></p></div>
                                    <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p28"] ?></p></div>
                                </div>
                                <div class="row">
                                    <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p29"] ?></p></div>
                                    <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p30"] ?></p></div>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>

```



```

    <div class="row">
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p31"] ?></p></div>
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p32"] ?></p></div>
    </div>
</div>
</div>
</div>
</div>
<div class="panel-footer">
    <div class = "row " >

        <div class="col-md-4 col-xs-4 ">
            <form action="profile.php">
                <button type="submit" class="btn btn-info" name="sc4"
value="Play" onclick="sc4()"/>
                <span class="glyphicon glyphicon-play"></span> Play
            </button>
        </form>
    </div>
    <div class="col-md-4 col-xs-4 ">
        <form action="giftcard.php" method ="post">
            <button type="submit" class="btn btn-info" name="sg4"
id="sg4" value="Play"/>
            <span class="glyphicon glyphicon-gift"></span> Send as
gift
        </button>
    </form>
</div>

    <div class="col-md-4 col-xs-4">
        <button class="btn btn-primary dropdown-toggle btn btn-
info" type="button" data-toggle="dropdown" >
            <span class="glyphicon glyphicon-info-sign"></span> Info
        </button>
        <ul class="dropdown-menu">
            <li><a href="#">Top Prize - €1000</a></li>
            <li class="divider"></li>
            <li><a href="#">Scratch Card Price - €5</a></li>
        </ul>
    </div>

</div>

```

```

<br>
<div class = "row " >
  <div class="col-md-12 col-xs-4">
    <form action="profile.php">
      <button type="submit" class="btn btn-info"
name="usefreego4" value="Play" onclick="usefreego4()"/>
      <span class="glyphicon glyphicon-thumbs-up"></span>
Use Free Go
    </button>
  </form>
</div>
</div>
</div>
</div>
</div>
</div>

```

```

<div class="col-sm-4">
<div class="panel panel-primary">
  <div class="panel-heading">
    <strong>
      <span class="glyphicon glyphicon-star"></span>
      ALL SCRATCHED OUT
      <span class="glyphicon glyphicon-star"></span>
    </strong>
    <br>
    <?php if(isset($_SESSION['scMss5']))
      {
        echo $_SESSION['scMss5'];
      }; ?>
  </div>

```

```

  <div class="scratchie" data-scratchie="#BFBBBB">
    <div class="scratchie__secret" style="visibility: hidden;">
      <div class="panel-body">
        <div class = "text-center">
          <div class="row">
            <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p33"] ?></p></div>
            <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p34"] ?></p></div>
          </div>
          <div class="row">
            <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p35"] ?></p></div>

```

```

        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p36"] ?></p></div>
    </div>
    <div class="row">
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p37"] ?></p></div>
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p38"] ?></p></div>
    </div>
    <div class="row">
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p39"] ?></p></div>
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p40"] ?></p></div>
    </div>
</div>
</div>
</div>
</div>
<div class="panel-footer">
    <div class = "row " >

        <div class="col-md-4 col-xs-4 ">
            <form action="profile.php">
                <button type="submit" class="btn btn-info" name="sc5"
value="Play" onclick="sc5()"/>
                <span class="glyphicon glyphicon-play"></span> Play
            </button>
        </form>
    </div>
    <div class="col-md-4 col-xs-4 ">
        <form action="giftcard.php" method ="post">
            <button type="submit" class="btn btn-info" name="sg5"
id="sg5" value="Play"/>
            <span class="glyphicon glyphicon-gift"></span> Send as
gift
        </button>
    </form>
</div>

    <div class="col-md-4 col-xs-4">
        <button class="btn btn-primary dropdown-toggle btn btn-
info" type="button" data-toggle="dropdown" >
        <span class="glyphicon glyphicon-info-sign"></span> Info
    </button>

```

```

<ul class="dropdown-menu">
  <li><a href="#">Top Prize - €5000</a></li>
  <li class="divider"></li>
  <li><a href="#">Scratch Card Price - €7</a></li>
</ul>
</div>

</div>

<br>
<div class = "row " >
  <div class="col-md-12 col-xs-4">
    <form action="profile.php">
      <button type="submit" class="btn btn-info"
name="usefreego5" value="Play" onclick="usefreego5()"/>
      <span class="glyphicon glyphicon-thumbs-up"></span>
Use Free Go
    </button>
  </form>
  </div>
</div>
</div>

</div>
</div>

<div class="col-sm-4">
  <div class="panel panel-primary">
    <div class="panel-heading">
      <strong>
        <span class="glyphicon glyphicon-star"></span>
        BIG WINNER
        <span class="glyphicon glyphicon-star"></span>
      </strong>
      <br>
      <?php if(isset($_SESSION['scMss6']))
        {
          echo $_SESSION['scMss6'];
        }; ?>
    </div>

    <div class="scratchie" data-scratchie="#BFBBBB">
      <div class="panel-body">
        <div class = "text-center">
          <div class="row">

```

```

        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p41"] ?></p></div>
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p42"] ?></p></div>
    </div>
    <div class="row">
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p43"] ?></p></div>
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p44"] ?></p></div>
    </div>
    <div class="row">
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p44"] ?></p></div>
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p45"] ?></p></div>
    </div>
    <div class="row">
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p46"] ?></p></div>
        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p47"] ?></p></div>
    </div>
</div>
</div>
</div>
</div>
<div class="panel-footer">
    <div class = "row " >

        <div class="col-md-4 col-xs-4 ">
            <form action="profile.php">
                <button type="submit" class="btn btn-info" name="sc6"
value="Play" onclick="sc6()"/>
                <span class="glyphicon glyphicon-play"></span> Play
            </button>
        </form>
    </div>
    <div class="col-md-4 col-xs-4 ">
        <form action="giftcard.php" method ="post">
            <button type="submit" class="btn btn-info" name="sg6"
id="sg6" value="Play"/>
            <span class="glyphicon glyphicon-gift"></span> Send as
gift
        </button>
    </form>
</div>

```

```

    <div class="col-md-4 col-xs-4">
        <button class="btn btn-primary dropdown-toggle btn btn-
info" type="button" data-toggle="dropdown" >
            <span class="glyphicon glyphicon-info-sign"></span> Info
        </button>
        <ul class="dropdown-menu">
            <li><a href="#">Top Prize - €10,000</a></li>
            <li class="divider"></li>
            <li><a href="#">Scratch Card Price - €10</a></li>
        </ul>
    </div>

```

```
</div>
```

```

<br>
<div class = "row " >
    <div class="col-md-12 col-xs-4">
        <form action="profile.php">
            <button type="submit" class="btn btn-info"
name="usefreego6" value="Play" onclick="usefreego6()"/>
            <span class="glyphicon glyphicon-thumbs-up"></span>
Use Free Go
        </button>
        </form>
    </div>
</div>
</div>

```

```
</div>
```

```
</div>
```

```
<!--footer -->
```

```
<footer class="page-footer font-small pt-4 mt-4">
```

```
<!--Copyright-->
```

```
<div class="footer-copyright text-center">
```

```
© 2018 Copyright:
```

```
<a href="index.php"> E-Scratch Cards.com </a>
```

```
</div>
```

```
<!--/.Copyright-->
```

```
</footer>
```

```
<!--`/footer -->
```

```
</body>
```

```
</html>
```

```
<script src="js/scratchie.js"></script>
```

```
<script>
```

```
(function()
```

```
{
```

```
    var scratchie = new Scratchie('[data-scratchie]', {brush:  
'img/brush.png',
```

```
    onRenderEnd: function()
```

```
    {
```

```
        // Show the form when Image is loaded.
```

```
        this.element.querySelectorAll('.scratchie__secret')
```

```
[0].style.visibility = 'visible';
```

```
    },
```

```
    onScratchMove: function(filledInPixels) {
```

```
        //console.log(filledInPixels + '%');
```

```
    }
```

```
});
```

```
    // Global expose
```

```
    window.scratchie = scratchie;
```

```
})();
```

```
</script>
```

2.8 purchase.php

```
<?php
```

```
session_start();
```

```
include 'sql/db.php';
```

```
include 'sql/purchaseSC1.php'
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <title>E-Scratch Cards</title>
```

```
    <meta charset="utf-8">
```

```
    <meta name="viewport" content="width=device-width, initial-  
scale=1">
```

```

        <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstra
p.min.css">
    <link rel="stylesheet" type="text/css" href="css/style.css">
        <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"
></script>
        <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.
min.js"></script>
    <style>

        .scratchie {
            border: 3px solid #BFBBBB;
            width: 100%;
            height: 150px;
        }
    </style>
</head>
<body>

```

```

<nav class="navbar navbar-inverse">
    <div class="container-fluid">
        <div class="navbar-header">
            <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#myNavbar">
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
            </button>
            <a class="navbar-brand" href="index.php"></a>
        </div>
        <div class="collapse navbar-collapse" id="myNavbar">
            <nav class="fill">
                <ul class="nav navbar-nav navbar-right">
                    <li><a href="index.php"><span class="glyphicon glyphicon-
home"></span> Home</a></li>
                    <li><a href="#"><span class="glyphicon glyphicon-
user"></span> About</a></li>
                    <li><a href="#"><span class="glyphicon glyphicon-
user"></span> Fair Play</a></li>
                    <li><a href="#"><span class="glyphicon glyphicon-
user"></span> Sign In</a></li>

```



```

        <li><a href="register.php"><span class="glyphicon glyphicon-
shopping-cart"></span> Register</a></li>
    </ul>
</nav>
</div>
</div>
</nav>

```

```

<div class="container">

```

```

    <div class="col-md-4">
        <?php echo "Fname:". $fname ?><br>
        <?php echo "id:". $_SESSION["id"] ?><br>
        <?php echo "balance:". $_SESSION["balance"] ?><br>
        <?php echo "free go:" . $_SESSION["freego"] ?><br>
    </div>
    <div class="col-md-4">
        <div class="panel panel-primary">
            <div class="scratchie" data-scratchie="#BFBBBB">
                <div class="panel-body">
                    <div class = "text-center">
                        <div class="row">
                            <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p1"] ?></p></div>
                            <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p2"] ?></p></div>
                        </div>
                        <div class="row">
                            <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p3"] ?></p></div>
                            <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p4"] ?></p></div>
                        </div>
                        <div class="row">
                            <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p5"] ?></p></div>
                            <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p6"] ?></p></div>
                        </div>
                        <div class="row">
                            <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p7"] ?></p></div>

```

```

        <div class="col-md-6 col-xs-6"><p><?php echo
$_SESSION["p8"] ?></p></div>
    </div>
</div>
</div>
</div>
<div class="panel-footer">
    <form action="purchase.php">
        <input type="submit" name="insert" value="Purchase"
onclick="insert()" />
    </form>
</div>
</div>
</div>

```

```

<div class="col-md-4">
    <div class="scratchie scratchie--disabled" data-
scratchie="white">
    <div class="scratchie_secret" style="visibility: hidden;">□</div>
</div>
<br />
<button>Enable</button>
</div>
</div>

```

```

<footer class="container-fluid text-center">
    <p>Online Store Copyright</p>
    <form class="form-inline">Get deals:
        <input type="email" class="form-control" size="50"
placeholder="Email Address">
        <button type="button" class="btn btn-danger">Sign
Up</button>
    </form>
</footer>
</body>
</html>

```

```

<script src="js/scratchie.js"></script>
<script>

```

```

(function()
{

```

```

    var scratchie = new Scratchie('[data-scratchie]', {brush:
'img/brush.png',
  onRenderEnd: function()
  {
    // Show the form when Image is loaded.
    this.element.querySelectorAll('.scratchie__secret')
[0].style.visibility = 'visible';
  },
  onScratchMove: function(filledInPixels) {
    //console.log(filledInPixels + '%');
  }
});

// Global expose
window.scratchie = scratchie;
})();

const button = document.querySelector('button');
const elements = new Scratchie('[data-scratchie]', {
  onRenderEnd: function() {
    // Show the secret when Image is loaded.
    this.element.querySelector('.scratchie__secret').style.visibility =
'visible';

    // Reset className
    this.element.classList.remove('scratchie--scratched');
  },
  onScratch: function(scratchedPixels) {
    if (scratchedPixels < 99) return;
    this.element.classList.add('scratchie--scratched');
  }
});

button.addEventListener('click', e => {
  e.target.textContent = elements[0].classList.toggle('scratchie--
disabled') ? 'Enable' : 'Disable';
})

</script>

```

2.9 redeem.php

```
<?php
    include 'sql/db.php';
    include 'sql/resetSession.php';
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <title>E-Scratch Cards</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1">
                                <link                                rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstra
p.min.css">
                                <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"
></script>
                                <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.
min.js"></script>
                                <link                                rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
    <link rel="stylesheet" type="text/css" href="css/style2.css">
</head>
<body>
<div class="container" >
    <!-- navbar -->
        <div class="navbar navbar-inverse navbar-fixed-top"
role="navigation">
            <div class="container-fluid">
                <div class="navbar-header">
                    <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#myNavbar">
                        <span class="sr-only">Toggle navigation</span>
                        <span class="icon-bar"></span>
                        <span class="icon-bar"></span>
                        <span class="icon-bar"></span>
                    </button>
                    <a class="navbar-brand" href="index.php"></a>
                </div>
                <div class="collapse navbar-collapse" id="myNavbar">
```

```

<nav class="fill">
  <ul class="nav navbar-nav navbar-right">
    <li><a href="profile.php"><span class="glyphicon glyphicon-home"></span> Home</a></li>
      <li><a href="#"><span class="glyphicon glyphicon-download"></span> Redeem Code</a></li>
      <li><a href="updateBalance.php"><span class="glyphicon glyphicon-gift"></span> Update Balance</a></li>
      <li><a href="#"><span class="glyphicon glyphicon-cog"></span> Account Settings</a></li>
      <li><a href="sql/logout.php"><span class="glyphicon glyphicon-log-out"></span> Sign Out</a></li>
    </ul>
  </ul>
</nav>
</div>
</div>
</div>
<!-- /navbar -->

```

```

<div class="row">
  <div class="col-md-8 col-xs-12 col-centered">
    <div class="panel panel-primary">
      <div class="panel-heading text-center">
        Please enter your token
      </div>
      <div class="panel-body">
        <div class="row">
          <div class="col-md-12 col-xs-12 text-center">
            <div class="form-group">
              <p><header><b>This is the token that you recieved
from a friend or family member<br><br>
Example: YDAS-LPRX-TQCP-IZVF</b></header></p>
              <p><content>. </i></content></p>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
  <div class="col-md-8 col-xs-12 col-centered">
    <form action="sql/redeem.php" method="post" >
      <div class="row">
        <div class="col-md-12 col-xs-12 text-center">
          <div class="form-group">
            <strong>
              <?php if(isset($_SESSION['reMsg']))
              {
                echo $_SESSION['reMsg'];
              }
            </strong>
          </div>
        </div>
      </div>
    </form>
  </div>
</div>

```

```

    }; ?>
  </strong>
</div>
</div>
</div>
<div class="row">

  <div class="col-md-3 col-xs-3">
    <div class="form-group">
      <div class="input-group">
        <input type="text" class="form-control"
maxlength="4" style="text-align:center" name="p1" id="p1"
required/>
      </div>
    </div>
  </div>

  <div class="col-md-3 col-xs-3">
    <div class="form-group">
      <div class="input-group">
        <input type="text" class="form-control"
maxlength="4" style="text-align:center" name="p2" id="p2"
required/>
      </div>
    </div>
  </div>

  <div class="col-md-3 col-xs-3">
    <div class="form-group">
      <div class="input-group">
        <input type="text" class="form-control"
maxlength="4" style="text-align:center" name="p3" id="p3"
required/>
      </div>
    </div>
  </div>

  <div class="col-md-3 col-xs-3">
    <div class="form-group">
      <div class="input-group">
        <input type="text" class="form-control"
maxlength="4" style="text-align:center" name="p4" id="p4"
required/>
      </div>
    </div>
  </div>
</div>

```

```

        </div>

        <div class = "row">
            <div class="col-md-6 col-xs-6 col-centered">
                <div class="form-group ">
                    <input type="submit" name="register-submit"
id="register-submit" tabindex="4" class="btn btn-primary btn-block
login-button" value="Reedem Code">
                </div>
            </div>
        </div>
    </form>
</div>
<div class="panel-footer">

    </div>
</div>
</div>
</div>
</div>

</div>

<footer class="container-fluid text-center">
    <p>Online Store Copyright</p>
    <form class="form-inline">Get deals:
        <input type="email" class="form-control" size="50"
placeholder="Email Address">
        <button type="button" class="btn btn-danger">Sign
Up</button>
    </form>
</footer>

</body>
</html>
<script src="js/scratchie.js"></script>
<script>

(function()
{

```

```

        var scratchie = new Scratchie('[data-scratchie]', {brush:
'img/brush.png',
  onRenderEnd: function()
  {
    // Show the form when Image is loaded.
    this.element.querySelectorAll('.scratchie__secret')
[0].style.visibility = 'visible';
  },
  onScratchMove: function(filledInPixels) {
    //console.log(filledInPixels + '%');
  }
});

// Global expose
window.scratchie = scratchie;
})();

```

</script>

2.10 register.php

```

<!DOCTYPE html>
<html lang="en">
<head>
  <title>Register</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstra
p.min.css">
  <link rel="stylesheet" type="text/css" href="css/style2.css">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/font-
awesome/4.6.1/css/font-awesome.min.css">
  <link href='https://fonts.googleapis.com/css?family=Passion+One'
rel='stylesheet' type='text/css'>
  <link href='https://fonts.googleapis.com/css?family=Oxygen'
rel='stylesheet' type='text/css'>
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"
></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.
min.js"></script>
</head>

```



```

<body>
  <!-- navbar -->
    <div class="navbar navbar-inverse navbar-fixed-top"
role="navigation">
      <div class="container-fluid">
        <div class="navbar-header">
          <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#myNavbar">
            <span class="sr-only">Toggle navigation</span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
          </button>
          <a class="navbar-brand" href="index.php"></a>
        </div>
        <div class="collapse navbar-collapse" id="myNavbar">
          <nav class="fill">
            <ul class="nav navbar-nav navbar-right">
              <li><a href="index.php"><span class="glyphicon glyphicon-
home"></span> Home</a></li>
              <li><a href="login.php"><span class="glyphicon glyphicon-
log-in"></span> Sign In</a></li>
              <li><a href="#"><span class="glyphicon glyphicon-
pencil"></span> Register</a></li>
            </ul>
          </nav>
        </div>
      </div>
    <!-- /navbar -->
    <div class="container">

    <div class="row">
      <div class="col-md-6 col-xs-12 col-centered">
        <div class="panel panel-primary">
          <div class="panel-heading">Register To E-Scratch
Cards</div>
          <div class="panel-body">
            <form action="sql/register.php" method="post">
              <div class="row">
                <div class="col-md-12 col-xs-12 text-center">
                  <div class="form-group">

```

```

        <strong>
        <?php
        session_start();
        if(isset($_SESSION['here']))
        {
            echo $_SESSION['here'];
        }; ?>
        </strong>
    </div>
</div>
</div>
<div class="row">
    <div class="col-md-6 col-xs-12">
        <div class="form-group">
            <label for="name" class="cols-sm-2 control-
label">First Name</label>
            <div class="input-group">
                <span class="input-group-addon"><i class="fa fa-
user fa" aria-hidden="true"></i></span>
                <input type="text" class="form-control"
name="fname" id="fname" placeholder="Joe" required/>
            </div>
        </div>
    </div>

    <div class="col-md-6 col-xs-12">
        <div class="form-group">
            <label for="name" class="cols-sm-2 control-
label">Last Name</label>
            <div class="input-group">
                <span class="input-group-addon"><i class="fa fa-
user fa" aria-hidden="true"></i></span>
                <input type="text" class="form-control"
name="lname" id="lname" placeholder="Bloggs" required/>
            </div>
        </div>
    </div>
</div>

<div class="row">
    <div class="col-md-12 col-xs-12">
        <div class="form-group">
            <label for="name" class="cols-sm-2 control-
label">Email Address</label>

```

```

        <div class="input-group">
            <span class="input-group-addon"><i class="fa fa-
envelope fa" aria-hidden="true"></i></span>
                <input type="text" class="form-control"
name="email" id="email" placeholder="Enter your Email"
required />
        </div>
    </div>
</div>
</div>

```

```

<div class="row">
    <div class="col-md-6 col-xs-12">
        <div class="form-group">
            <label for="name" class="cols-sm-2 control-
label">Date Of Birth</label>
            <div class="input-group">
                <span class="input-group-addon"><i class="fa fa-
users fa" aria-hidden="true"></i></span>
                    <input type="date" class="form-control"
name="dob" id="dob">
            </div>
        </div>
    </div>

```

```

    <div class="col-md-6 col-xs-12">
        <div class="form-group">
            <label for="name" class="cols-sm-2 control-
label">County</label>
            <div class="input-group">
                <span class="input-group-addon"><i class="fa fa-
user fa" aria-hidden="true" required"></i></span>
                    <select id="soflow" name="county">
                        <option selected="selected">Please Select A
County</option>
                        <option value="antrim">Antrim</option>
                        <option value="armagh">Armagh</option>
                        <option value="carlow">Carlow</option>
                        <option value="cavan">Cavan</option>
                        <option value="clare">Clare</option>
                        <option value="cork">Cork</option>
                        <option value="derry">Derry</option>
                        <option value="donegal">Donegal</option>
                        <option value="down">Down</option>
                        <option value="dublin">Dublin</option>
                    </select>
            </div>
        </div>
    </div>

```

```

        <option value="fermanagh">Fermanagh</option>
        <option value="galway">Galway</option>
        <option value="kerry">Kerry</option>
        <option value="kildare">Kildare</option>
        <option value="kilkenny">Kilkenny</option>
        <option value="laois">Laois</option>
        <option value="leitrim">Leitrim</option>
        <option value="limerick">Limerick</option>
        <option value="longford">Longford</option>
        <option value="louth">Louth</option>
        <option value="mayo">Mayo</option>
        <option value="meath">Meath</option>
        <option value="monaghan">Monaghan</option>
        <option value="offaly">Offaly</option>
        <option
value="roscommon">Roscommon</option>
        <option value="sligo">Sligo</option>
        <option value="tipperary">Tipperary</option>
        <option value="tyrone">Tyrone</option>
        <option value="waterford">Waterford</option>
        <option value="westmeath">Westmeath</option>
        <option value="wexford">Wexford</option>
        <option value="wicklow">Wicklow</option>
    </select>
</div>
</div>
</div>
</div>

<div class="row">
    <div class="col-md-6 col-xs-12">
        <div class="form-group">
            <label for="name" class="cols-sm-2 control-
label">Password</label>
            <div class="input-group">
                <span class="input-group-addon"><i class="fa fa-
lock fa-lg" aria-hidden="true"></i></span>
                <input type="password" class="form-control"
name="password" id="password" placeholder="Enter your
Password"/>
            </div>
        </div>
    </div>
</div>

    <div class="col-md-6 col-xs-12">

```



```
<div class="footer-copyright text-center">
  © 2018 Copyright:
  <a href="index.php"> E-Scratch Cards.com </a>
</div>
<!--/.Copyright-->
```

```
</footer>
```

```
<!--`/footer -->
```

```
</body>
```

```
</html>
```

2.11 resetpassword.php

```
<?php
```

```
include 'sql/db.php';
if (isset($_POST["forgotPass"]))
{
    $objDateTime = new DateTime('NOW');
    $email = $conn->real_escape_string($_POST["email"]);

    $sql = "SELECT * FROM users";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            $dbemail = $row['email'];
            if($email == $dbemail)
            {
                $i = "1";
                break;
            }
            else
            {
                $i = "0";
            }
        }

        if($i == "1")
        {
            $str = "0123456789qwertyuioplkjhgfdsayxcvbnm";
            $str = str_shuffle($str);
```

```

        $str = substr($str, 0, 10);

        echo $email . "<br>";
        echo $dbemail . "<br>";
        $sql = "UPDATE users SET token='$str',Tstamp
=NOW() WHERE Email='$dbemail";
        session_start();
        $_SESSION["token"]=$str;

        if (!mysqli_query($conn, $sql))
        {
            echo "Problem with creating the users table.";
        }
        else
        {
            header("Location:changepassword.php");
            exit();
        }
    }
    else
    {
        $_SESSION['errMsg'] = "Please try again";
    }
}
?>

```

```

<!DOCTYPE html>
<html lang="en">
<head>
    <title>E-Scratch Cards</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1">
        <link                rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstra
p.min.css">
    <link rel="stylesheet" type="text/css" href="css/style2.css">
    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/font-
awesome/4.6.1/css/font-awesome.min.css">
    <link href='https://fonts.googleapis.com/css?family=Passion+One'
rel='stylesheet' type='text/css'>
        <link href='https://fonts.googleapis.com/css?family=Oxygen'
rel='stylesheet' type='text/css'>

```

```

<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"
></script>

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.
min.js"></script>
</head>
<body>
<!-- navbar -->
    <div class="navbar navbar-inverse navbar-fixed-top"
role="navigation">
    <div class="container-fluid">
    <div class="navbar-header">
        <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#myNavbar">
            <span class="sr-only">Toggle navigation</span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
        </button>
        <a class="navbar-brand" href="index.php"></a>
    </div>
    <div class="collapse navbar-collapse" id="myNavbar">
    <nav class="fill">
    <ul class="nav navbar-nav navbar-right">
        <li><a href="index.php"><span class="glyphicon glyphicon-
home"></span> Home</a></li>
        <li><a href="#"><span class="glyphicon glyphicon-log-
in"></span> Sign In</a></li>
        <li><a href="register.php"><span class="glyphicon glyphicon-
pencil"></span> Register</a></li>
    </ul>
    </ul>
    </nav>
    </div>
    </div>
</div>
<!-- /navbar -->
<div class="container">
    <div class="row">
        <div class="col-md-4 col-md-offset-4">
            <div class="panel panel-default">
                <div class="panel-body">
                    <div class="text-center">
                        <strong>

```



```

        <?php
            if(!empty($_SESSION['errMsg']))
            {
                echo $_SESSION['errMsg'];
            }

            ?>

            </strong>
            <h3><span class="glyphicon
glyphicon-lock"></span></h3>
            <h2 class="text-center">Forgot Password?
</h2>
            <p>You can reset your password here.</p>
            <div class="panel-body">
                <form id="forgotPass" role="form"
autocomplete="off" class="form" method="post">
                    <div class="form-group">
                        <div class="input-group">
                            <span class="input-group-addon"><i
class="glyphicon glyphicon-envelope color-blue"></i></span>
                            <input id="email" name="email"
placeholder="email address" class="form-control" type="email">
                        </div>
                    </div>
                    <div class="form-group">
                        <input name="forgotPass" class="btn
btn-lg btn-primary btn-block" value="Reset Password"
type="submit">
                    </div>
                </form>
            </div>
        </div>
    </div>
</div>

<!--footer -->
<footer class="page-footer font-small pt-4 mt-4">
    <!--Copyright-->
    <div class="footer-copyright text-center">
        © 2018 Copyright:
        <a href="index.php"> E-Scratch Cards.com </a>
    </div>

```

```
</div>
<!--/.Copyright-->

</footer>

<!--`/footer -->
</body>

</html>
```

2.12 tempLock.php

```
<!--

-->

<?php

include 'sql/db.php';

session_start();

if (!empty($_SERVER['HTTP_CLIENT_IP']))
{
$ip = $_SERVER['HTTP_CLIENT_IP'];
}
elseif (!empty($_SERVER['HTTP_X_FORWARDED_FOR']))
{
$ip = $_SERVER['HTTP_X_FORWARDED_FOR'];
}
else
{
$ip = $_SERVER['REMOTE_ADDR'];
}

$rport = $_SERVER['REMOTE_PORT'];
$browser = $_SERVER['HTTP_USER_AGENT'];
$strForSession = (string)$browser. (string)$ip;
$strForSession = md5($strForSession);
$_SESSION["PreAuthSess"]=$strForSession;
$strForSession = $_SESSION["PreAuthSess"];
$result = $conn->query("SELECT Counter FROM activesession
WHERE SessionID='$strForSession'");
```

```

if (!$result)
{
die('Could not query:' . mysql_error());
}
else
{
$counter = ($result->fetch_row()[0]);

if ($counter < 5)
{
header("Location:login.php");
}
}

$sql = "SELECT `Tstamp` FROM `activesession` WHERE `SessionID`
= '$strForSession'";
$result = mysqli_query($conn,$sql);
if (!$result)
{
die('Could not query:' . mysql_error());
}
else
{
$lastLoginAttemptTime = ($result->fetch_row()[0]);
date_default_timezone_set('Europe/Dublin');
$currentTime = date('Y-m-d H:i:s');
$differenceInSeconds =      strtotime($currentTime)
-
strtotime($lastLoginAttemptTime);

if((int)$differenceInSeconds <= 10)
{
$locked = 1;
$remainingDelay = 10 - $differenceInSeconds;
}
else
{
$locked = 0;
$sql = "UPDATE `activesession` SET `Counter`=0, `Tstamp` =
NOW() WHERE `SessionID` = '$strForSession'";
$result = mysqli_query($conn,$sql);
if (!$result)
{
die('Could not query:' . mysql_error());
}
}
}
}

```

```

?>
<!DOCTYPE html>

<html>
<head>
  <title>E-Scratch Cards</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstra
p.min.css">
  <link rel="stylesheet" type="text/css" href="css/style2.css">
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"
></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.
min.js"></script>
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
</head>

<style type="text/css">

</style>
<body>

  <div class="navbar navbar-inverse navbar-fixed-top"
role="navigation">
  <div class="container-fluid">
  <div class="navbar-header">
    <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#myNavbar">
      <span class="sr-only">Toggle navigation</span>
      <span class="icon-bar"></span>
      <span class="icon-bar"></span>
      <span class="icon-bar"></span>
    </button>
    <a class="navbar-brand" href="index.php"></a>
  </div>
  <div class="collapse navbar-collapse" id="myNavbar">

```

```

    <nav class="fill">

    </nav>
  </div>
</div>
</div>

<div class="container">
  <div class="row">
    <div class="col-md-6 col-md-offset-3">
      <div class="panel panel-login">
        <div class="panel-heading">
          <div class="row">
            <div class="col-xs-12">
              <div class = "text-center">
                <a href="#"
class="active" id="login-form-link">To Many Wrong Attempts</a>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
  <hr>
</div>

<div class = "text-center">
  <div class="row">
    <div class = "col-sm-12">
      <?php
          if($locked == 0)
          {
              echo "Please
proceed";
              echo "<br><a
href='http://localhost/scards/login.php'><span
class='glyphicon
glyphicon-home'></span><br>Home</a>";
              echo "<br>";
          }
          else
          {
              echo"Error: Too
many incorrect attempts". "<br/>";
              echo"Try again
in: " . $remainingDelay . " seconds";
              echo "<br><a
href='tempLock.php'><span class='glyphicon
glyphicon-home'></span><br>Home</a>";
          }
      </div>
    </div>
  </div>
</div>

```



```

<html lang="en">
<head>
  <title>Register</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1">
                                <link                rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstra
p.min.css">
  <link rel="stylesheet" type="text/css" href="css/style2.css">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/font-
awesome/4.6.1/css/font-awesome.min.css">
  <link href='https://fonts.googleapis.com/css?family=Passion+One'
rel='stylesheet' type='text/css'>
    <link href='https://fonts.googleapis.com/css?family=Oxygen'
rel='stylesheet' type='text/css'>
                                <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"
></script>
                                <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.
min.js"></script>

</head>
<section class="content">
<body>
  <!-- navbar -->
    <div class="navbar navbar-inverse navbar-fixed-top"
role="navigation">
      <div class="container-fluid">
        <div class="navbar-header">
          <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#myNavbar">
            <span class="sr-only">Toggle navigation</span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
            <span class="icon-bar"></span>
          </button>
          <a class="navbar-brand" href="index.php"></a>
        </div>
        <div class="collapse navbar-collapse" id="myNavbar">
          <nav class="fill">
            <ul class="nav navbar-nav navbar-right">
              <li><a href="profile.php"><span class="glyphicon glyphicon-
home"></span> Home</a></li>

```

```

        <li><a href="redeem.php"><span class="glyphicon
glyphicon-download"></span> Redeem Code</a></li>
        <li><a href="updateBalance.php"><span class="glyphicon
glyphicon-gift"></span> Update Balance</a></li>
        <li><a href="#"><span class="glyphicon glyphicon-
cog"></span> Account Settings</a></li>
        <li><a href="sql/logout.php"><span class="glyphicon
glyphicon-log-out"></span> Sign Out</a></li>
    </ul>
</ul>
</nav>
</div>
</div>
</div>
<!-- /navbar -->

```

```

<div class="container">

```

```

    <div class="row">
        <div class="col-md-12 col-xs-`12">
            <div class="panel panel-primary">
                <div class="panel-heading">Update Balance</div>
                <div class="panel-body">

                    <form action="sql/addBalance.php" method="post">
                        <div class="form-group">
                            <label for="name" class="cols-sm-2 control-
label">Please Enter Amount:</label>
                            <div class="cols-sm-10">
                                <div class="input-group">
                                    <span class="input-group-addon"><i class="fa fa-
euro fa" aria-hidden="true"></i></span>
                                    <input type="number" class="form-control"
name="amount" id="amount"/>
                                </div>
                            </div>
                        </div>
                        <div class="form-group ">
                            <label for="name" class="cols-sm-2 control-
label">Select Card:</label>
                            <select id="soflow">
                                <?php while($row1 = mysqli_fetch_array($result1));?>
                                    <option value="<?php echo $row1[0];?>"><?php
echo $row1[3];?></option>
                                <?php endwhile;?>
                            </select>

```



```
        </div>
        <div class="form-group ">
            <label for="name" class="cols-sm-2 control-
label">Paypal:</label>
        </div>
        <div class="form-group ">
            <input type="submit" name="register-submit"
id="register-submit" tabindex="4" class="btn btn-primary btn-lg btn-
block login-button" value="Update Balance">
        </div>
    </form>
</div>
</div>
</div>
</div>
```

```
</div>
</div>
```

```
<footer>
<div class="container">
    <div class="row">
        <div class="col-md-6 col-xs-6">
            1
        </div>
        <div class="col-md-6 col-xs-6">

    </div>
```

```
</div>
</div>
</footer>
```

```
</body>
</html>
```

3. SQL Code

3.1 addBalance.php

```
<?php

session_start();
include 'db.php';

if (mysqli_connect_errno())
{
    echo "Failed to connect to MySQL: " . mysqli_connect_error();
}

$addamount = $_POST['amount'];
$id = $_SESSION["id"];
$sql = "SELECT balance FROM userfunds WHERE id = '$id'";
$result = $conn->query($sql);
// Check connection

if ($result->num_rows > 0)
{
    while($row = $result->fetch_assoc())
    {
        $currentBal = $row['balance'];
    }

    $newAmount = $currentBal + $addamount;
    $sql = "UPDATE userfunds SET balance='$newAmount' WHERE
id = '$id'";
```

```

if ($conn->query($sql) === TRUE)
{
    $_SESSION["balance"] = $newAmount;
    header("Location:../profile.php");
}
else
{
    echo "Error updating record: " . $conn->error;
    header("Location:../addBalance.php");
}
}
}

```

```
$conn->close();
```

```
?>
```

3.2 addPayment.php

```
<?php
```

```
include 'db.php';
session_start();
```

```

$id = $_SESSION["id"];
$owner = $_POST['owner'];
$cvv = $_POST['cvv'];
$cardno = $_POST['cardNumber'];
$expirymonth = $_POST['expirymonth'];
$expiryyear = $_POST['expiryyear'];

```

```

$expirydate = $expiryyear."00".$expirymonth;
date_default_timezone_set('Europe/Dublin');
$currentTime = date('Y-m-d');

```

```
// Check connection
```

```
if (mysqli_connect_errno())
```

```
{
```

```
    echo "Failed to connect to MySQL: " . mysqli_connect_error();
```

```
}
```

```
$sql = "INSERT INTO usercards
(id,owner, cvv,cardno,expirydate,cardadded)
VALUES
('$id','$owner','$cvv','$cardno','$expirydate','$currentTime')";
```

```
if ($conn->query($sql) === TRUE)
{
    header("Location:../accdetails.php");
}
else
{
    echo "Error: " . $sql . "<br>" . $conn->error;
}
```

```
$conn->close();
```

```
?>
```

[3.3 db.php](#)

```
<!--
```

```
<?php
```

```
$servername = 'localhost';
$username = 'root';
$password = '';
$dbName = 'scratchcards';
```

```
$conn = new mysqli($servername, $username, $password,
$dbName) or die("Couldn't Connect");
```

```
?>
```

[3.4 login.php](#)

```
<?php
```

```
include 'db.php';
```

```
if (!empty($_SERVER['HTTP_CLIENT_IP']))
```

```
{
```

```
    $ip = $_SERVER['HTTP_CLIENT_IP'];
```

```
}
```

```
elseif (!empty($_SERVER['HTTP_X_FORWARDED_FOR']))
```

```
{
```

```

    $ip = $_SERVER['HTTP_X_FORWARDED_FOR'];
}
else
{
    $ip = $_SERVER['REMOTE_ADDR'];
}

$rport = $_SERVER['REMOTE_PORT'];
$browser = $_SERVER['HTTP_USER_AGENT'];
$strForSession = (string)$browser. (string)$ip;

session_start();

// MD5 Hash for the session
$strForSession = md5($strForSession);
$_SESSION["PreAuthSess"]=$strForSession;
$strForSession = $_SESSION["PreAuthSess"];

$name = $conn->real_escape_string($_POST["name"]);
$password = $conn->real_escape_string($_POST["password"]);
$objDateTime = new DateTime('NOW');

$result = $conn->query("SELECT * FROM activesession WHERE
SessionID='$strForSession'");

// Active session already active
if ($result->num_rows > 0)
{
    $sql = "SELECT `Counter` FROM `activesession` WHERE
`SessionID` = '$strForSession'";
    $result = mysqli_query($conn,$sql);

    if (!$result)
    {
        die('Could not query:' . mysqli_error());
    }
    else
    {
        $counter = ($result->fetch_row()[0]);
        // check above 4 because counter has been set to 0, eg (0,1,2,3,4),
        5 counts locked.
        if ($counter > 4)

```

```

{
    header("Location:../tempLock.php");
}
else
{
    $sql = "SELECT * FROM users";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            $dbfname = $row['fname'];
            $dbpassword = $row['pass'];
            if($name == $dbfname)
            {

                $sql = "SELECT id FROM users Where fname = '$dbfname' ";
                $result = $conn->query($sql);
                if ($result->num_rows > 0)
                {
                    while($row = $result->fetch_assoc())
                    {
                        $dbid = $row['id'];
                        $check = "1";
                        break;
                    }
                }

            }
            else
            {
                $check = "0";
            }
        }
        if ($check == "1")
        {

            if ($name == "admin")
            {
                header("Location:../admin.php");
                die();
            }

            $activation = md5(random_int ( PHP_INT_MIN ,
PHP_INT_MAX )); //current time in microseconds to generate random
number
            $_SESSION["PreAuthSess"]=$activation;

```

```

$sql = "DELETE FROM `privatesession` WHERE `Uid` = '$dbid'";
if (!mysqli_query($conn,$sql))
{
    die('Error: ' . mysqli_error($conn));
    echo "Error in active session insert <br/>";
}

        $sql="INSERT INTO `privatesession`(`SessionID`, `Uid`,
`timeStamp`) VALUES ('$activation', '$dbid', NOW())";
if (!mysqli_query($conn,$sql))
{
    die('Error: ' . mysqli_error($conn));
    echo "Error in active session insert <br/>";
}
else
{
    $sql = "UPDATE `activesession` SET `Counter`=0, `Tstamp`
= NOW() WHERE `SessionID` = '$strForSession'";
    $result = mysqli_query($conn,$sql);
    if (!$result)
    {
        die('Could not query:' . mysql_error());
    }

    $sql = "SELECT * FROM userfunds Where id = '$dbid' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            $_SESSION["currentUser"] = $name;
            $_SESSION["id"] = $dbid;
            $_SESSION["balance"] = $row['balance'];
            $_SESSION["freego"] = $row['freego'];
            header("Location:../profile.php");
            die();
        }
    }
    else
    {
        echo "error";
    }
}
}
else

```

```

    {
        $counter = $counter + 1;
        $sql = mysqli_query($conn,"UPDATE activesession SET
Counter = '$counter', Tstamp = NOW() WHERE
SessionID='$strForSession'");
        $_SESSION['logMsg'] = "Please try again";
        header("Location:../login.php");
    }
}
else
{
    $counter = $counter + 1;
    $sql = mysqli_query($conn,"UPDATE activesession SET Counter
= '$counter', Tstamp = NOW() WHERE SessionID='$strForSession'");
    $_SESSION['logMsg'] = "Database Empty";
    header("Location:../login.php");
}
}
}
}
// No active session, this will create.
else
{
    $sql = "INSERT INTO `activesession` (`SessionID`, `Counter`,
`Tstamp`) VALUES ('$strForSession', '0', NOW())";
    if ($conn->query($sql) === TRUE)
    {
        $sql = "SELECT `Counter` FROM `activesession` WHERE
`SessionID` = '$strForSession'";
        $result = mysqli_query($conn,$sql);
        if (!$result)
        {
            die('Could not query:' . mysql_error());
        }
    }
    else
    {
        $counter = ($result->fetch_row()[0]);
        // check above 4 because counter has been set to 0, eg
(0,1,2,3,4), 5 counts locked.
        if ($counter > 4)
        {
            header("Location:../tempLock.php");
        }
    }
    else
    {
        $counter = $counter + 1;
    }
}
}
}
}

```



```

        $sql = mysqli_query($conn,"UPDATE activesession SET Counter
= '$counter', Tstamp = NOW() WHERE SessionID='$strForSession'");
        header("Location:login.php");
    }
}
}
else
{
    echo "Error: " . $sql . "<br>" . $conn->error;
}
}
$conn->close();

?>

```

3.5 [logout.php](#)

```

<?php
include 'db.php';
include 'resetSession.php';
    include 'sql/db.php';

session_start();

$strForSession = $_SESSION["PreAuthSess"];

echo $strForSession;

$sql = "DELETE FROM `privatesession` WHERE `SessionID` =
'$strForSession'";
if (!mysqli_query($conn,$sql))
{
    die('Error: ' . mysqli_error($conn));
    echo "Error in active session insert <br/>";
}
else
{
    $query = mysqli_query($conn,$sql);
    $_SESSION["PreAuthSess"] = "";
    session_regenerate_id();
    unset($_SESSION["PreAuthSess"]);
    unset($_SESSION["id"]);
    session_destroy();
    header("Location:../index.php");
    die();
}

```

?>

3.6 newuser.php

<?php

```
include 'sql/db.php';
include 'stopback.php';
```

```
$fname = $_SESSION["currentUser"];
$id = $_SESSION["id"];
```

```
$user = $_SESSION["currentUser"];
date_default_timezone_set('Europe/Dublin');
$currentTime = date('Y-m-d H:i:s');
```

```
$sql = "SELECT `id` FROM `users` Where `fname` = '$user' ";
$result = $conn->query($sql);
if ($result->num_rows > 0)
{
    while($row = $result->fetch_assoc())
    {
        $id = $row['id'];
    }
}
```

```
$sql = "SELECT `id` FROM `scratchcards` Where `id` = '$id' ";
$result = $conn->query($sql);
if ($result->num_rows > 0)
{
    // --- OLD USER DO NOTHING ---//
}
```

```
else
{ // --- SETTING DEFAULT VALUES FOR NEW USERS ---//
    $count = 0;
    $val = 1;
    while ($count < 7)
    {
```

```
        $sql = "INSERT INTO scratchcards (type,freego,date,id) VALUES
('$val','0','$currentTime',$id)";
```

```

        if ($conn->query($sql) === TRUE)
        {
            $val = $val + 1;
            $count++;
        }
    }
}
$conn->close();

?>

```

3.7 purchaseScratchCard.php

```

<?php

include 'sql/db.php';
$fname = $_SESSION["currentUser"];
$id = $_SESSION["id"];
$_SESSION["p1"] = 0;
$_SESSION["p2"] = 0;
$_SESSION["p3"] = 0;
$_SESSION["p4"] = 0;
$_SESSION["p5"] = 0;
$_SESSION["p6"] = 0;
$_SESSION["p7"] = 0;
$_SESSION["p8"] = 0;

$sql = "SELECT `freego` FROM `scratchcards` Where `id` = '$id'
AND `type` = '1' ";
$result = $conn->query($sql);
if ($result->num_rows > 0)
{
    while($row = $result->fetch_assoc())
    {
        $dbfreego = $row['freego'];
        $_SESSION["fg1"] = $dbfreego;
    }
}
else

```

```

        {
            echo "not workdsding";
        }

$sql = "SELECT * FROM users WHERE fname = 'admin'";
$result = $conn->query($sql);
if ($result->num_rows > 0)
{
    while($row = $result->fetch_assoc())
    {
        $adminID = $row['id'];

    }
    $_SESSION["adminID"] = $adminID ;

}

if($_GET)
{
    if(isset($_GET['insert']))
    {
        purchasecard1();
    }
    if(isset($_GET['usefreego1']))
    {
        usefreego1();
    }
}

//-----FREE GO-----//
function usefreego1()
{
    include 'sql/db.php';
    $id = $_SESSION["id"];

    $sql = "SELECT * FROM scratchcards Where id = '$id' AND type = '1'";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            $dbfreego1 = $row['freego'];

```

```

    }
}

if($dbfreego1 > 0 )
{
    $dbfreego1 = $dbfreego1 - 1;
    $sql = "UPDATE `scratchcards` SET `freego` = '$dbfreego1'
WHERE `id` = '$id' AND type = '1'";
    if ($conn->query($sql) === TRUE)
    {
        $_SESSION["fg1"] = $dbfreego1;
        calculate();
    }
    else
    {
        echo "didn't work";
    }
}

// 0 Scratch cards left
else
{
    $_SESSION["scMss"] = "Sorry, You don't have any free scratch
cards left";
}
}

//-----/FREE GO-----//

function updateAdminAccount()
{
include 'sql/db.php';
    $admin = $_SESSION["adminID"];
    $sql = "SELECT balance FROM userfunds Where id = '$admin' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            $dbbalance = $row['balance'];
            $newbalance = $dbbalance +1;
        }

        $sql = "UPDATE `userfunds` SET `balance` = '$newbalance'
WHERE `id` = '$admin'";
        if ($conn->query($sql) === TRUE)

```

```

    {
    }
    else
    {
        echo "didn't work";
    }

}
else
{
    echo "no admin balance found";
}
}

function deductAdminAccount()
{
    include 'sql/db.php';
    $admin = $_SESSION["adminID"];
    $sql = "SELECT balance FROM userfunds Where id = '$admin' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            $dbbalance = $row['balance'];
            $newbalance = $dbbalance - $_SESSION["deductAmount"] ;
        }

        $sql = "UPDATE `userfunds` SET `balance` = '$newbalance'
WHERE `id` = '$admin'";
        if ($conn->query($sql) === TRUE)
        {

        }
        else
        {
            echo "didn't work";
        }

    }
    else
    {
        echo "no admin balance found";
    }
}
}

```

```

function purchasecard1()
{
    include 'sql/db.php';
    $id = $_SESSION["id"];
    $sql = "SELECT balance FROM userfunds Where id = '$id' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
        {
            //if user's balance is gone below 0, they must update
            thier balance
            if ($_SESSION["balance"] <= 0)
                {
                    header("Location:updateBalance.php");
                    exit();
                }
            while($row = $result->fetch_assoc())
                {
                    $dbbalance = $row['balance'];
                    $newbalance = $dbbalance - 1;
                    $_SESSION["balance"] = $newbalance;
                }
        }

    $sql = "UPDATE `userfunds` SET `balance` = '$newbalance'
WHERE `id` = '$id'";
    if ($conn->query($sql) === TRUE)
        {
            updateAdminAccount();
            calculate();
        }
}

```

```

function calculate()
{
    include 'sql/db.php';
    $id = $_SESSION["id"];

    // 11/99 chance of winning a free go.
    // 10/99 chance of winning a €2..
    // 9/99 chance of winning a €4.
    // 8/99 chance of winning a €5.
    // 7/99 chance of winning a €10.

```

```

// 6/99 chance of winning a €15.
// 5/99 chance of winning a €20.
// 4/99 chance of winning a €25.
// 3/99 chance of winning a €50.
// 2/99 chance of winning a €75.
// 1/99 chance of winning a €100.

```

```

$val1 = array("X","X","X","FREE");
$val2 = array("X","X","X","FREE","€2");
$val3 = array("X","X","X","FREE","€2","€4");
$val4 = array("X","X","X","FREE","€2","€4","€5");
$val5 = array("X","X","X","FREE","€2","€4","€5","€10");
$val6 = array("X","X","X","FREE","€2","€4","€5","€10","€15");
$val7 = array("X","X","X","FREE","€2","€4","€5","€10","€15","€20");
                                $val8 =
array("X","X","X","FREE","€2","€4","€5","€10","€15","€20","€25");
                                $val9 =
array("X","X","X","FREE","€2","€4","€5","€10","€15","€20","€25","€50
");
                                $val9 =
array("X","X","X","FREE","€2","€4","€5","€10","€15","€20","€25","€50
","€75");
                                $val10 =
array("X","X","X","FREE","€2","€4","€5","€10","€15","€20","€25","€50
","€75","€100");

```

```

                                $total=
array_merge($val1,$val2,$val3,$val4,$val5,$val6,$val7,$val8,$val9);

```

```

$randomAmount = [];
$i = 0;
$feCount = 0;
$twoeCount = 0;
$foureCount = 0;
$fiveeCount = 0;
$teneCount = 0;
$fifeCount = 0;
$tweeCount = 0;
$twefeCount = 0;

```



```

$fitteCount = 0;
$sevfiteCount = 0;
$huneCount = 0;

while ($i < 8)
{
    shuffle($total);
    $value = $total[rand(0, count($total) - 1)];
    $randomAmount[$i] = $value;

    if ($randomAmount[$i] == "FREE")
    {
        $feCount++;
    }
    if ($randomAmount[$i] == "€2")
    {
        $twoeCount++;
    }

    if ($randomAmount[$i] == "€4")
    {
        $foureCount++;
    }
    if ($randomAmount[$i] == "€5")
    {
        $fiveeCount++;
    }
    if ($randomAmount[$i] == "€10")
    {
        $teneCount++;
    }
    if ($randomAmount[$i] == "€15")
    {
        $fifeCount++;
    }
    if ($randomAmount[$i] == "€20")
    {
        $tweeCount++;
    }
    if ($randomAmount[$i] == "€25")
    {
        $twefeCount++;
    }
    if ($randomAmount[$i] == "€50")
    {

```

```

        $fifteCount++;
    }
    if ($randomAmount[$i] == "€75")
    {
        $sevfiveCount++;
    }
    if ($randomAmount[$i] == "€100")
    {
        $huneCount++;
    }

    $i++;

}

$_SESSION["p1"] = $randomAmount[0];
$_SESSION["p2"] = $randomAmount[1];
$_SESSION["p3"] = $randomAmount[2];
$_SESSION["p4"] = $randomAmount[3];
$_SESSION["p5"] = $randomAmount[4];
$_SESSION["p6"] = $randomAmount[5];
$_SESSION["p7"] = $randomAmount[6];
$_SESSION["p8"] = $randomAmount[7];
if($feCount >= 3)
{

    $sql = "SELECT * FROM scratchcards Where id = '$id' AND `type`
= '1' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            date_default_timezone_set('Europe/Dublin');
            $currentTime = date('Y-m-d H:i:s');
            $dbtype = $row['type'];
            $dbdate = $row['date'];
            $dbfreego = $row['freego'];
            $newfeegoAmount = $dbfreego + 1;

        }
    }

    $sql = "UPDATE `scratchcards` SET `freego` =
'$newfeegoAmount', `date`=''$currentTime' WHERE `id` = '$id' AND
`type` = '1'";

```

```

if ($conn->query($sql) === TRUE)
{
    $_SESSION["scMss"] = "Congratulations you Won a Free
Scratch Card";
    $sql = "SELECT `freego` FROM `scratchcards` Where `id` =
'$id' AND `type` = '1' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            $dbfreego = $row['freego'];
            $_SESSION["fg1"] = $dbfreego;
        }
    }
    else
    {
        $sql = "INSERT INTO `scratchcards` (type,freego,date,id)
VALUES ('1','1','$currentTime','$id)";
        if ($conn->query($sql) === TRUE)
        {
            $sql = "SELECT `freego` FROM `scratchcards` Where `id` =
'$id' AND `type` = '1' ";
            $result = $conn->query($sql);
            if ($result->num_rows > 0)
            {
                while($row = $result->fetch_assoc())
                {
                    $dbfreego = $row['freego'];
                    $_SESSION["fg1"] = $dbfreego;
                }
            }
        }
        else
        {
            echo " didnt worked";
        }
    }
}
else

```

```

    {
        echo "Error updating record: " . $conn->error;
    }
}
else if($twoCount >= 3)
{
    $sql = "SELECT balance FROM userfunds Where id = '$id' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            $dbbalance = $row['balance'];
            $newbalance = $dbbalance + 2;
            $_SESSION["balance"] = $newbalance;
        }
    }
    $sql = "UPDATE `userfunds` SET `balance` = '$newbalance'
WHERE `id` = '$id'";
    if ($conn->query($sql) === TRUE)
    {
        $_SESSION["scMss"] = "Congratulations you Won €2";
        $_SESSION["deductAmount"] = 2;
        deductAdminAccount();
    }
    else
    {
        echo "Error updating record: " . $conn->error;
    }
}
else if($fourCount >= 3)
{
    $sql = "SELECT balance FROM userfunds Where id = '$id' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            $dbbalance = $row['balance'];
            $newbalance = $dbbalance + 4;
            $_SESSION["balance"] = $newbalance;
        }
    }
    $sql = "UPDATE `userfunds` SET `balance` = '$newbalance'
WHERE `id` = '$id'";
    if ($conn->query($sql) === TRUE)

```

```

    {
        $_SESSION["scMss"] = "Congratulations you Won €4";
        $_SESSION["deductAmount"] = 4;
        deductAdminAccount();
    }
    else
    {
        echo "Error updating record: " . $conn->error;
    }
}
else if($fiveeCount >= 3)
{
    $sql = "SELECT balance FROM userfunds Where id = '$id' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            $dbbalance = $row['balance'];
            $newbalance = $dbbalance + 5;
            $_SESSION["balance"] = $newbalance;
        }
    }
    $sql = "UPDATE `userfunds` SET `balance` = '$newbalance'
WHERE `id` = '$id'";
    if ($conn->query($sql) === TRUE)
    {
        $_SESSION["scMss"] = "Congratulations you Won €5";
    }
    else
    {
        echo "Error updating record: " . $conn->error;
    }
}
else if($teneCount >= 3)
{
    $sql = "SELECT balance FROM userfunds Where id = '$id' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            $dbbalance = $row['balance'];
            $newbalance = $dbbalance + 10;
            $_SESSION["balance"] = $newbalance;
        }
    }
}

```

```

    }
    $sql = "UPDATE `userfunds` SET `balance` = '$newbalance'
WHERE `id` = '$id'";
    if ($conn->query($sql) === TRUE)
    {
        $_SESSION["scMss"] = "Congratulations you Won €10";
    }
    else
    {
        echo "Error updating record: " . $conn->error;
    }
}
else if($fifeCount >= 3)
{
    $sql = "SELECT balance FROM userfunds Where id = '$id' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            $dbbalance = $row['balance'];
            $newbalance = $dbbalance + 15;
            $_SESSION["balance"] = $newbalance;
        }
    }
    $sql = "UPDATE `userfunds` SET `balance` = '$newbalance'
WHERE `id` = '$id'";
    if ($conn->query($sql) === TRUE)
    {
        $_SESSION["scMss"] = "Congratulations you Won €15";
    }
    else
    {
        echo "Error updating record: " . $conn->error;
    }
}
else if($tweeCount >= 3)
{
    $sql = "SELECT balance FROM userfunds Where id = '$id' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            $dbbalance = $row['balance'];
            $newbalance = $dbbalance + 20;

```

```

        $_SESSION["balance"] = $newbalance;
    }
}
$sql = "UPDATE `userfunds` SET `balance` = '$newbalance'
WHERE `id` = '$id'";
if ($conn->query($sql) === TRUE)
{
    $_SESSION["scMss"] = "Congratulations you Won €20";
}
else
{
    echo "Error updating record: " . $conn->error;
}
}
else if($twefeCount >= 3)
{
    $sql = "SELECT balance FROM userfunds Where id = '$id' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            $dbbalance = $row['balance'];
            $newbalance = $dbbalance + 25;
            $_SESSION["balance"] = $newbalance;
        }
    }
    $sql = "UPDATE `userfunds` SET `balance` = '$newbalance'
WHERE `id` = '$id'";
    if ($conn->query($sql) === TRUE)
    {
        $_SESSION["scMss"] = "Congratulations you Won €25";
    }
    else
    {
        echo "Error updating record: " . $conn->error;
    }
}
}
else if($fifteCount >= 3)
{
    $sql = "SELECT balance FROM userfunds Where id = '$id' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {

```

```

        $dbbalance = $row['balance'];
        $newbalance = $dbbalance + 50;
        $_SESSION["balance"] = $newbalance;
    }
}
$sql = "UPDATE `userfunds` SET `balance` = '$newbalance'
WHERE `id` = '$id'";
if ($conn->query($sql) === TRUE)
{
    $_SESSION["scMss"] = "Congratulations you Won €50";
}
else
{
    echo "Error updating record: " . $conn->error;
}
}
else if($sevfiveCount >= 3)
{
    $sql = "SELECT balance FROM userfunds Where id = '$id' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            $dbbalance = $row['balance'];
            $newbalance = $dbbalance + 75;
            $_SESSION["balance"] = $newbalance;
        }
    }
    $sql = "UPDATE `userfunds` SET `balance` = '$newbalance'
WHERE `id` = '$id'";
    if ($conn->query($sql) === TRUE)
    {
        $_SESSION["scMss"] = "Congratulations you Won €75";
    }
    else
    {
        echo "Error updating record: " . $conn->error;
    }
}
}
else if($huneCount >= 3)
{
    $sql = "SELECT balance FROM userfunds Where id = '$id' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {

```



```

        while($row = $result->fetch_assoc())
        {
            $dbbalance = $row['balance'];
            $newbalance = $dbbalance + 100;
            $_SESSION["balance"] = $newbalance;
        }
    }
    $sql = "UPDATE `userfunds` SET `balance` = '$newbalance'
WHERE `id` = '$id'";
    if ($conn->query($sql) === TRUE)
    {
        $_SESSION["scMss"] = "Congratulations you Won €100";
    }
    else
    {
        echo "Error updating record: " . $conn->error;
    }
}
else
{
    $_SESSION["scMss"] = "No Win, Try Again";
}
}

```

?>

3.8 [redeem.php](#)

<?php

```

//Checking the connection.
session_start();
include 'db.php';
$id = $_SESSION["id"];

$p1= $_POST['p1'];
$p2= $_POST['p2'];
$p3= $_POST['p3'];
$p4= $_POST['p4'];

$enteredToken = $p1.$p2.$p3.$p4;

$sql = "SELECT * FROM giftcards";
$result = $conn->query($sql);

if ($result->num_rows > 0)

```

```

{
while($row = $result->fetch_assoc())
{
$dbtoken = $row['token'];
$_SESSION["dbtoken "] = $dbtoken;

if( $dbtoken == $enteredToken )
{
$check = "1";
$card = $row['type'];
break;
}
else
{
$check = "0";
}
}

if($check == "1")
{
if($card == "1")
{
$sql = "SELECT * FROM scratchcards Where id = '$id' ";
$result = $conn->query($sql);
if ($result->num_rows > 0)
{
while($row = $result->fetch_assoc())
{
date_default_timezone_set('Europe/Dublin');
$currentTime = date('Y-m-d H:i:s');
$dbfreego = $row['freego'];
$dbtoken = $row['token'];
$newfeegoAmount = $dbfreego + 1;
}

$sql = "UPDATE `scratchcards` SET `freego` =
'$newfeegoAmount', `date`=''$currentTime'' WHERE `id` = '$id' AND
`type` = '1'";
if ($conn->query($sql) === TRUE)
{
$token = $_SESSION["dbtoken "];
$sql = "DELETE FROM `giftcards` WHERE `token` =
'$token'";

if ($conn->query($sql) === TRUE)
{

```

```

        $_SESSION['reMsg'] = "You just unlocked a type Easy
Scratch Scratch Card";
        header("Location:../reedeem.php");
    }
    else
    {
        $_SESSION['reMsg'] = "DB TOKEN:";
        header("Location:../reedeem.php");
    }
}
}
}

if($card == "2")
{
    $sql = "SELECT * FROM scratchcards Where id = '$id' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            date_default_timezone_set('Europe/Dublin');
            $currentTime = date('Y-m-d H:i:s');
            $dbfreego = $row['freego'];
            $dbtoken = $row['token'];
            $newfeegoAmount = $dbfreego + 1;
        }

        $sql = "UPDATE `scratchcards` SET `freego` =
'$newfeegoAmount', `date`=''$currentTime' WHERE `id` = '$id' AND
`type` = '2'";
        if ($conn->query($sql) === TRUE)
        {
            $token = $_SESSION["dbtoken "];
            $sql = "DELETE FROM `giftcards` WHERE `token` =
'$token'";

            if ($conn->query($sql) === TRUE)
            {

                $_SESSION['reMsg'] = "You just unlocked a type A Bit
Of Luck Scratch Card";
                header("Location:../reedeem.php");
            }
        }
    }
}
}
}

```

```

    }
    else
    {
        $_SESSION['reMsg'] = "DB TOKEN:";
        header("Location:../reedeem.php");
    }

}
}
}
if($card == "3")
{
    $sql = "SELECT * FROM scratchcards Where id = '$id' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            date_default_timezone_set('Europe/Dublin');
            $currentTime = date('Y-m-d H:i:s');
            $dbfreego = $row['freego'];
            $dbtoken = $row['token'];
            $newfeegoAmount = $dbfreego + 1;
        }

        $sql = "UPDATE `scratchcards` SET `freego` =
'$newfeegoAmount', `date` = '$currentTime' WHERE `id` = '$id' AND
`type` = '3'";
        if ($conn->query($sql) === TRUE)
        {
            $token = $_SESSION["dbtoken "];
            $sql = "DELETE FROM `giftcards` WHERE `token` =
'$token'";

            if ($conn->query($sql) === TRUE)
            {

                $_SESSION['reMsg'] = "You just unlocked a Test The
Bank Scratch Card";
                header("Location:../reedeem.php");
            }
            else
            {
                $_SESSION['reMsg'] = "DB TOKEN:";
                header("Location:../reedeem.php");
            }
        }
    }
}

```

```

        }

    }
}
if($card == "4")
{
    $sql = "SELECT * FROM scratchcards Where id = '$id' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            date_default_timezone_set('Europe/Dublin');
            $currentTime = date('Y-m-d H:i:s');
            $dbfreego = $row['freego'];
            $dbtoken = $row['token'];
            $newfeegoAmount = $dbfreego + 1;

                $sql = "UPDATE `scratchcards` SET `freego` =
'$newfeegoAmount', `date`=''$currentTime'' WHERE `id` = '$id' AND
`type` = '4'";
            if ($conn->query($sql) === TRUE)
            {
                $token = $_SESSION["dbtoken "];
                $sql = "DELETE FROM `giftcards` WHERE `token` =
'$token'";

                if ($conn->query($sql) === TRUE)
                {

                    $_SESSION['reMsg'] = "You just unlocked a A Bigger
Chance Scratch Card";
                    header("Location:../reedeem.php");
                }
            }
            else
            {
                $_SESSION['reMsg'] = "DB TOKEN:";
                header("Location:../reedeem.php");
            }
        }
    }
}
}

```

```

}
if($card == "5")
{
    $sql = "SELECT * FROM scratchcards Where id = '$id' ";
    $result = $conn->query($sql);
    if ($result->num_rows > 0)
    {
        while($row = $result->fetch_assoc())
        {
            date_default_timezone_set('Europe/Dublin');
            $currentTime = date('Y-m-d H:i:s');
            $dbfreego = $row['freego'];
            $dbtoken = $row['token'];
            $newfeegoAmount = $dbfreego + 1;
        }

        $sql = "UPDATE `scratchcards` SET `freego` =
'$newfeegoAmount', `date`=''$currentTime' WHERE `id` = '$id' AND
`type` = '5'";
        if ($conn->query($sql) === TRUE)
        {
            $token = $_SESSION["dbtoken "];
            $sql = "DELETE FROM `giftcards` WHERE `token` =
'$token'";

            if ($conn->query($sql) === TRUE)
            {

                $_SESSION['reMsg'] = "You just unlocked a All
Scratched Out Scratch Card";
                header("Location:../redeem.php");
            }
            else
            {
                $_SESSION['reMsg'] = "DB TOKEN:";
                header("Location:../redeem.php");
            }
        }
    }
}
if($card == "6")
{
    $sql = "SELECT * FROM scratchcards Where id = '$id' ";
    $result = $conn->query($sql);

```

```

if ($result->num_rows > 0)
{
    while($row = $result->fetch_assoc())
    {
        date_default_timezone_set('Europe/Dublin');
        $currentTime = date('Y-m-d H:i:s');
        $dbfreego = $row['freego'];
        $dbtoken = $row['token'];
        $newfeegoAmount = $dbfreego + 1;
    }

        $sql = "UPDATE `scratchcards` SET `freego` =
'$newfeegoAmount', `date`=''$currentTime'' WHERE `id` = '$id' AND
`type` = '6'";
        if ($conn->query($sql) === TRUE)
        {
            $token = $_SESSION["dbtoken "];
            $sql = "DELETE FROM `giftcards` WHERE `token` =
'$token'";

            if ($conn->query($sql) === TRUE)
            {

                $_SESSION['reMsg'] = "You just unlocked a Big Winner
Scratch Card";
                header("Location:../reedeem.php");
            }
            else
            {
                $_SESSION['reMsg'] = "DB TOKEN:";
                header("Location:../reedeem.php");
            }
        }
    }
}
else
{
    $_SESSION['reMsg'] = "ERROR 2";
    header("Location:../reedeem.php");
}
}
else
{

```

```

        $_SESSION['reMsg'] = "This token is invalid";
        header("Location:../redeem.php");
    }
}
else
{
    ECHO "DATABASE EMPTY";
}
?>

```

3.9 register.php

```

<?php

//Checking the connection.
session_start();
include 'db.php';

if (mysqli_connect_errno())
{
    echo "Failed to connect to MySQL: " . mysqli_connect_error();
}

//Not encrypting yet, need to use this to compare to encrypted value
in database first

$email = $_POST['email'];
$password = $_POST['password'];
$cpass = $_POST['confirm'];

//Encryptig the values from the form, for security reasons.
$name = $_POST['fname'];
$lname = $_POST['lname'];
$dob = $_POST['dob'];
$pass = $_POST['password'];
$selectOption = $_POST['county'];

$sql = "SELECT * FROM users";
$result = $conn->query($sql);

if ($result->num_rows > 0)
{
    while($row = $result->fetch_assoc())
    {
        $dbEmail = $row['email'];
    }
}

```



```

//checking to see if the entered email is already in the database.
if($email==$dbEmail)
{
    $emailFound = "1";
    break;
}
else
{
    $emailFound = "0";
}
}
//EMAIL FOUND
if($emailFound == "1")
{
    $_SESSION['here'] = "Email already exists ";
    header("Location:../register.php");
}
//EMAIL NOT FOUND
else
{ //password validation process
    //This can be 1 liner, but I wanted a different error message for
each different error.
    if ( strlen ($password) < 8 )
    {
        $_SESSION['here'] = "Password must be 8 Characters
long";
        header("Location:../register.php");
    }
    else if(!preg_match("#[0-9]+#", $password))
    {
        $_SESSION['here'] = "Password must contain a Number";
        header("Location:../register.php");
    }
    else if(!preg_match("#[A-Z]+#", $password))
    {
        $_SESSION['here'] = "Password must contain a Captial
Case Letter";
        header("Location:../register.php");
    }
    else if(!preg_match("#[a-z]+#", $password))
    {
        $_SESSION['here'] = "Password must contain a Lower
Case Letter";
        header("Location:../register.php");
    }
}

```

```

else if(!preg_match("/[!@#$$%^&*()\-_+=+{};:,<.>]/",
$password))
{
    $_SESSION['here'] = "Password must contain a Symbol";
    header("Location:../register.php");
}
else
{
    //Checking that the password and confirm password
match
    if($password != $cpass)
    {
        $_SESSION['here'] = "Password and Comfirm
Password must match";
        header("Location:../register.php");
    }
    else
    {
        //checking for a valid age and the user must be
over 18
        $birthDate = $_POST['dob'];
        $birthDate = explode("-", $birthDate);

        $age = (date("md", date("U", mktime(0, 0, 0,
$birthDate[0], $birthDate[1], $birthDate[2]))) > date("md")
? ((date("Y") - $birthDate[0]) - 1): (date("Y") -
$birthDate[0]));

        if ($age <= 0)
        {
            $_SESSION['here'] = "Invalid Age";
            header("Location:../register.php");
        }
        else if ($age < 18 )
        {
            $_SESSION['here'] = "You must be over 18 to use this
Application";
            header("Location:../register.php");
        }
        else
        {
            $sql = "INSERT INTO users
(id, fname, lname, email, dob, pass, cpass, county)
VALUES
('0', '$fname', '$lname', '$email', '$dob', '$pass', '$cpass', '$selectOption')
";

```

```

        if ($conn->query($sql) === TRUE)
        {
            $sql = "SELECT * FROM users WHERE fname =
'$fname' ";
            $result = $conn->query($sql);
            if ($result->num_rows > 0)
            {
                while($row = $result->fetch_assoc())
                {
                    $dbid = $row['id'];
                }
            }
            else
            {
                echo "error";
            }

            //All validations have been passed, user
created.
            $sql = "INSERT INTO userfunds
(id,balance) VALUES ('$dbid','0')";
            if ($conn->query($sql) === TRUE)
            {
                header("Location:../login.php");
            }
            else
            {
                echo "Error: " . $sql . "<br>" . $conn-
>error;
            }
        }
    }
}
}
else
{
    if ( strlen ($password) < 8 )
    {

```

```

    $_SESSION['here'] = "Password must be 8 Characters long";
    header("Location:../register.php");
}
else if(!preg_match("#[0-9]+#", $password))
{
    $_SESSION['here'] = "Password must contain a Number";
    header("Location:../register.php");
}
else if(!preg_match("#[A-Z]+#", $password))
{
    $_SESSION['here'] = "Password must contain a Captial Case
Letter";
    header("Location:../register.php");
}
else if(!preg_match("#[a-z]+#", $password))
{
    $_SESSION['here'] = "Password must contain a Lower Case
Letter";
    header("Location:../register.php");
}
else if(!preg_match("/[!@#$$%^&*()\_-+=+{};:;<.>]"/, $password))
{
    $_SESSION['here'] = "Password must contain a Symbol";
    header("Location:../register.php");
}
else
{
    //Checking that the password and confirm password match
    if($password != $cpass)
    {
        $_SESSION['here'] = "Password and Comfirm Password must
match";
        header("Location:../register.php");
    }
    else
    {
        $birthDate = $_POST['dob'];
        $birthDate = explode("-", $birthDate);

        $age = (date("md", date("U", mktime(0, 0, 0, $birthDate[0],
$birthDate[1], $birthDate[2]))) > date("md")
? ((date("Y") - $birthDate[0]) - 1): (date("Y") - $birthDate[0]));

        if ($age <= 0)
        {
            $_SESSION['here'] = "Invalid Age";
            header("Location:../register.php");

```

```

    }
    else if ($age < 18 )
    {
        $_SESSION['here'] = "You must be over 18 to use this
Application";
        header("Location:../register.php");
    }
    else
    {
        $sql = "INSERT INTO users
(id, fname, lname, email, dob, pass, cpass, county)
VALUES
('0', '$fname', '$lname', '$email', '$dob', '$pass', '$cpass', '$selectOption')
";

        if ($conn->query($sql) === TRUE)
        {
            $sql = "SELECT * FROM users WHERE fname = '$fname'
";
            $result = $conn->query($sql);
            if ($result->num_rows > 0)
            {
                while($row = $result->fetch_assoc())
                {
                    $dbid = $row['id'];
                }
            }
            else
            {
                echo "error";
            }

            //All validations have been passed, user created.
            $sql = "INSERT INTO userfunds (id, balance) VALUES
('$dbid', '0')";
            if ($conn->query($sql) === TRUE)
            {
                header("Location:../login.php");
            }
        }
        else
        {
            echo "Error: " . $sql . "<br>" . $conn->error;
        }
    }
}

```

```

    }
}

$conn->close();

?>
3.10 resetSession.php
<?php

```

```

session_start();
$_SESSION["scMss"] = "";
$_SESSION["scMss2"] = "";
$_SESSION["scMss3"] = "";
$_SESSION["scMss4"] = "";
$_SESSION["scMss5"] = "";
$_SESSION["scMss6"] = "";

```

```

?>
3.11 stopback.php
<?php

```

```

include 'db.php';
session_regenerate_id();
$strForSession = $_SESSION["PreAuthSess"];

$query = mysqli_query($conn,"SELECT `Uid` FROM privatesession
WHERE SessionID='$strForSession'");
$numrows = mysqli_num_rows($query);

if ($query->num_rows == 0)
{
    header("Location: index.php");
    die();
}
else
{
    $UserID = ($query->fetch_row())[0]; // get the UserID
    $sql = "SELECT `timeStamp` FROM `privatesession` WHERE
`SessionID` = '$strForSession'";
    $result = mysqli_query($conn,$sql);

```

```

if (!$result)
{
    die('Could not query:' . mysql_error());
}
else
{
    // get the last login attempt time to determine if a 10 min lockout
    should be enforced
    $lastActiveTime = ($result->fetch_row())[0];
}

// current time
date_default_timezone_set('Europe/London');
$currentTime = date('Y-m-d H:i:s');
$differenceInSeconds = strtotime($currentTime) -
strtotime($lastActiveTime);

if((int)$differenceInSeconds > 600)
{

    $sql = "DELETE * FROM `privatesession` WHERE `Uid` =
'$UserID'";
    $query = mysqli_query($con,$sql);
    header("Location: index.php");
    $_SESSION["PreAuthSess"] = "";
    die();
}
}

```

?>

3.12 token.php

```

<?php
include 'db.php';
session_start();

$str = "ABCDEFGHIJKLMNOPQRSTUVWXYZ";
$str = str_shuffle($str);
$str = substr($str, 0, 16);
date_default_timezone_set('Europe/Dublin');
$currentTime = date('Y-m-d H:i:s');

```

```

if(isset($_SESSION['sg1']))
{
$sql = "INSERT INTO giftcards (type,token,date,valid) VALUES
('1','$str','$currentTime','YES)";
if ($conn->query($sql) === TRUE)
{
    $_SESSION['sc1t'] = $str;
    header("Location:../giftcard.php");
}
else
{
    echo "Error";
}
}
if(isset($_SESSION['sg2']))
{
$sql = "INSERT INTO giftcards (type,token,date,valid) VALUES
('2','$str','$currentTime','YES)";
if ($conn->query($sql) === TRUE)
{
    $_SESSION['sc1t'] = $str;
    header("Location:../giftcard.php");
}
else
{
    echo "Error";
}
}
if(isset($_SESSION['sg3']))
{
$sql = "INSERT INTO giftcards (type,token,date,valid) VALUES
('3','$str','$currentTime','YES)";
if ($conn->query($sql) === TRUE)
{
    $_SESSION['sc1t'] = $str;
    header("Location:../giftcard.php");
}
else
{
    echo "Error";
}
}

```



```

}
if(isset($_SESSION['sg4']))
{
$sql = "INSERT INTO giftcards (type,token,date,valid) VALUES
('4','$str','$currentTime','YES)";
if ($conn->query($sql) === TRUE)
{
    $_SESSION['sc1t'] = $str;
    header("Location:../giftcard.php");
}
else
{
    echo "Error";
}
}
if(isset($_SESSION['sg5']))
{
$sql = "INSERT INTO giftcards (type,token,date,valid) VALUES
('5','$str','$currentTime','YES)";
if ($conn->query($sql) === TRUE)
{
    $_SESSION['sc1t'] = $str;
    header("Location:../giftcard.php");
}
else
{
    echo "Error";
}
}
if(isset($_SESSION['sg6']))
{
$sql = "INSERT INTO giftcards (type,token,date,valid) VALUES
('6','$str','$currentTime','YES)";
if ($conn->query($sql) === TRUE)
{
    $_SESSION['sc1t'] = $str;
    header("Location:../giftcard.php");
}
else
{
    echo "Error";
}
}
else
{
    echo "didn't work";
}

```

}

?>