



# Social Networking App Project Plan

By

Robert Timmons

Name: Robert Timmons  
Student ID: C00120820  
Project Supervisor: Dr Chris Meudec  
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## Contents

|  |          |
|--|----------|
| <b>INTRODUCTION .....</b>                | <b>2</b> |
| PROJECT REQUIREMENTS .....               | 2        |
| Hardware.....                            | 2        |
| Software .....                           | 2        |
| <b>2. PROJECT WORK PLANS .....</b>       | <b>3</b> |
| 2.1 PROJECT SCHEDULE - GANTT CHART ..... | 4        |
| <b>PHASE DETAILS .....</b>               | <b>5</b> |
| DEVELOP FACEBOOK INTEGRATION .....       | 5        |
| DEVELOP TWITTER INTEGRATION.....         | 5        |
| DEVELOP GOOGLE+ INTEGRATION .....        | 5        |
| WRITE UP DESIGN MANUAL .....             | 5        |
| CREATE WEBPAGE .....                     | 5        |
| INTEGRATE PHOTO UPLOADING .....          | 5        |
| INTEGRATE VIDEO UPLOADING .....          | 5        |
| DESIGN GUI .....                         | 6        |
| PRESENTATION .....                       | 6        |
| TEST FINAL APP .....                     | 6        |
| ADD NEW FEATURES .....                   | 6        |
| WRITE UP USER MANUAL .....               | 6        |
| WRITE UP PROJECT REPORT .....            | 6        |
| CODE LISTINGS.....                       | 6        |
| PREPARE AND PRESENT DEMO .....           | 6        |
| <b>GLOSSARY .....</b>                    | <b>7</b> |

## Introduction

This document contains the project plan for the Social Networking App. It contains a breakdown of the development for this project. This plan will show the time allocated for each step starting 19<sup>th</sup> December 2011 and ending 20<sup>th</sup> April 2012.

## Project requirements

For Android app development there are specific hardware and software requirements needed. The hardware and software requirements for this project are as follows.

### Hardware

The hardware requirement for this project is a development environment. This project will be developed on my college Laptop, with testing done on a Motorola Xoom Android tablet.

### Software

The software requirements for this project are:

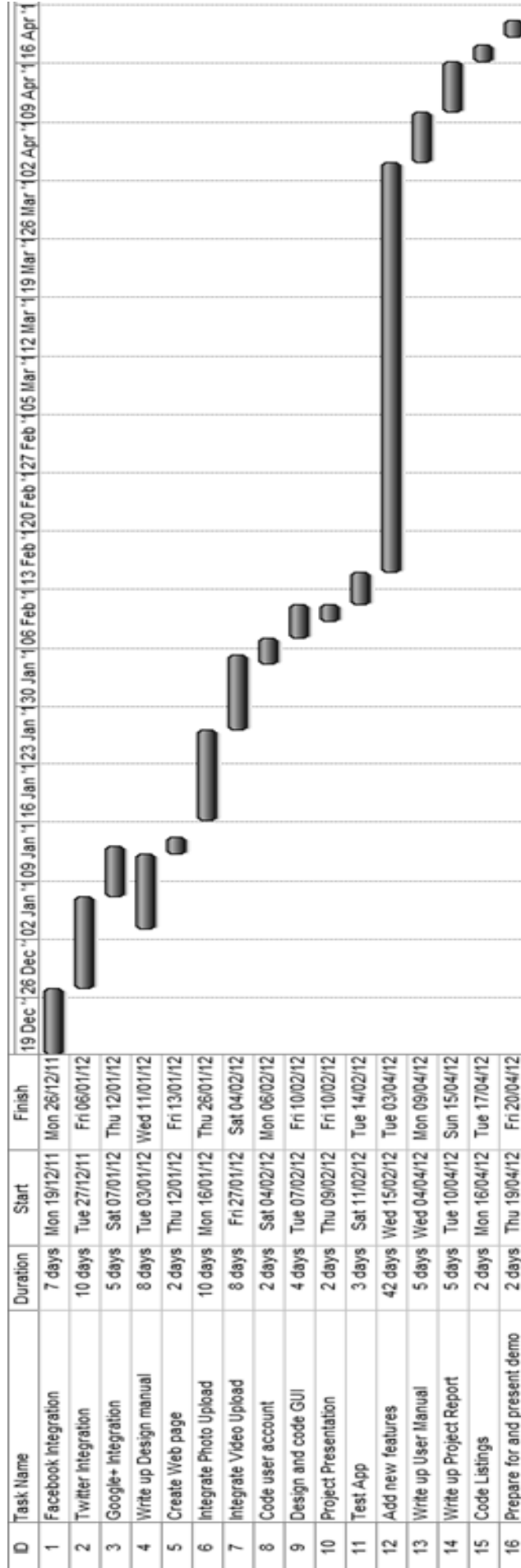
- Device running Android 3.1
- Eclipse IDE
- Social network APIs

## 2. Project Work Plans

| Project Responsibility  | Estimated Start Date | Duration Required FY05-06 |
|---|----------------------|---------------------------|
| Connect to Facebook and allow for news feed retrieval and status update | 19/12/11             | 7 days                    |
| Connect to Twitter and allow for news feed retrieval and status update  | 27/12/11             | 10 days                   |
| Set up current Google+ features   | 7/01/12              | 5 days                    |
| Write up Design Manual  | 03/01/12             | 8 days                    |
| Design and create website   | 12/01/12             | 2 days                    |
| Code and test photo upload to social networks                           | 16/01/12             | 10 days                   |
| Code and test video upload to social networks                           | 27/01/12             | 8 days                    |
| Code and test app user account  | 4/02/12              | 2 days                    |
| Create presentation   | 9/02/12              | 2 days                    |
| Create GUI  | 7/02/12              | 4 days                    |
| Test App  | 11/02/12             | 3 days                    |
| Add New Features  | 15/02/12             | 42 days                   |
| Write up User Manual  | 04/04/12             | 5 days                    |
| Write up Project Report   | 9/04/12              | 5 days                    |
| Code Listings   | 16/04/12             | 2 days                    |
| Prepare Demo  | 19/04/12             | 2 days                    |

### 2.1 Project Schedule - Gantt Chart

The Gantt chart graphically represents a project by showing each task as a horizontal bar whose length is the time needed to complete the task.



## Phase Details

### Develop Facebook integration

This will entail the following steps

- Create simple interface that makes a connection to Facebook
- Add ability to get and display news feeds from the users Facebook account
- Add ability to update status
- Add ability to comment on news feeds
- Testing the Facebook integration for bugs and errors

### Develop Twitter integration

This will entail the following steps

- Create simple interface that makes a connection to Twitter
- Add ability to get and display Tweets from the users Twitter account
- Add ability to Tweet
- Add ability to comment on other users Tweets
- Testing the Twitter integration for bugs and errors

### Develop Google+ integration

Since at the current time Google have yet to fully release their API to interact with all of the Google+ features, I will be getting the features that are currently available working in this phase.

This will entail the following steps

- Create simple interface that makes a connection to Google+
- Add ability to get and display news feeds from the users Google+ account
- Testing the Google+ integration for bugs and errors

### Write up Design Manual

Write up report on how the project will be designed.

### Create Webpage

Create a website that will contain details about the project.

### Integrate photo uploading

During this phase I will be incorporating the ability to upload photos to the user's accounts.

### Integrate video uploading

During this phase I will be incorporating the ability to upload videos to the user's accounts.

### **Design GUI**

During this phase I will design a finalized interface for the app

### **Presentation**

Give a presentation on work done so far on project.

### **Test Final App**

This will be the final stage of the production of the coding of this project. The application will be tested to find any bug or error that could occur. During this phase any problems found can be fixed.

### **Add New Features**

During this phase using the time left after the main app has been finished, I plan on creating and adding new and unique features for the app.

### **Write up user Manual**

Creating a manual that details how to use the application. This document will show how to use every feature of the app.

### **Write up Project report**

Write a report on the project e.g. What I did, what I learned, what I didn't get done etc.

### **Code Listings**

This phase will be adding all of the code for the application into a document.

### **Prepare and present demo**

Give a demo and explanation of the finished project.

## Glossary

IDE - Integrated development environment, a software application that allows computer programmers to develop in.

API - application programming interface, essential tools needed to allow software to interact with other different software.

GUI – graphical user interface, a user interface that allows users to interact with electronic devices by the use of images.