

Interim Report

User Friendly Calendar Application

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1. Introduction

This stage of the project it is a good time to reflect on the work that has been completed so far as well as describing the achievements and explaining what challenges have been. The original aims and objectives of the project will be discussed and revised where necessary.

2. Aim

The aim of this project is to develop a User Friendly application that allows a user to manage their day to day events as well as having social media integration (birthdays). I have decided to slightly revise this aim and the purpose the product. The revised aim is to create a User Friendly Calendar application that is Open-Source at the end. The source will be made available for students and will allow them to see how data management between a mobile android application and an internal database works to aid them in their studies and skill development.

3. Objectives

To meet the aim of my project I must achieve the following objectives, in no particular order:-

1. Use Surveys to identify the features and functions in the calendar apps that are highly rated by users and those that are low rated.
2. Design and implement an application to allow a user to create, view, edit and delete entries on a calendar.
3. Research Data Access Objects for Android
4. As well as receiving SUS feedback for the prototype, it must also be tested in order to find any bugs or errors that may be present in the application and attempt to resolve these issues.
5. Evaluate the calendar that I have created by comparing the final version to the prototype and comparing it against similar applications.
6. Write a final report that details the entire project and collating all the documentation produced throughout the project.

I have now met the first of these objectives, have almost finished the final design of a prototype and am preparing to undertake and develop the Data Access object and the first implementation of the prototype. The aim and objectives have changed slightly since my initial proposal but the development and final product should not be affected by these changes.

4. Achievements & Challenges

Since the start of the project I have successfully researched and analysed a selection of the best existing applications available and a literature and technical review have been completed. The design stage of the project is almost complete and implementation is due to begin shortly.

I have come across some challenges, Firstly I struggled during my Literature Review when connecting the various sections, the relevant information is present but I need to continue modifying sentences to improve the flow of the document. I have also had difficulties through the project so far when attempting to justify the creation of the application as well as creating the scenarios to accompany it, this is the reason behind the slight change of the aim and objectives. Another challenge I will face will be during implementation, as I have only done 3 months of taught android development during my 2nd year, the mobile development for the 3rd year consisted of Home Automation (sensors, motors and servers) than actual mobile development.

5. Timetable

| Task | Start Date | Duration(Days) | End Date |
|----------------------|------------|----------------|-----------|
| DAO research | 17-Dec | 6 | 23-Dec |
| Begin Implementation | 29-Dec | On-Going | 01-Mar-15 |
| Testing Application | 01-Jan-15 | 7 | 08-Jan-15 |
| Improve Application | 10-Jan-15 | 7 | 17-Jan-15 |
| Report Structure | | | 27-Feb-15 |
| Final Report Hand in | | | |
| Presentation | | 7 | 01-May-15 |

Above is an updated version of my project timetable, detailing the times I have allocated to the remaining tasks. The first change I have made is to include my research for DAO. The analysis and design are not shown above as they will be completed before this document is to be submitted. I have generously allocated 7 days for testing although I hope that it will not take that long and 7 days for improvements although this may take longer due to my own Android development abilities.