PORTFOLIO FOR EXCHANGE STUDENTS

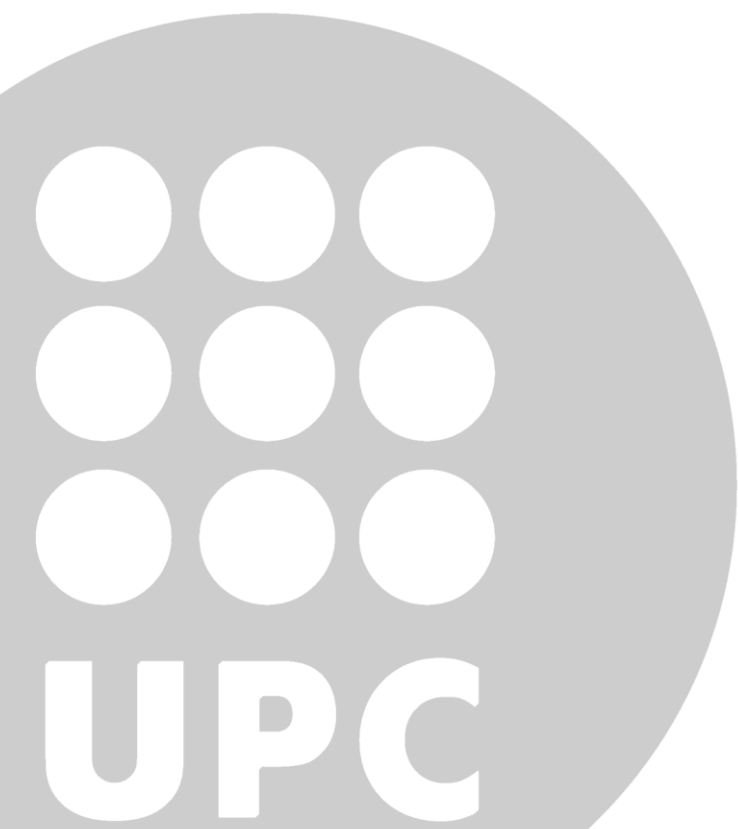2nd Delivery: Project planning

Project Management

Author: Víctor Jiménez Tarrés

Director: Maria Teresa Abad

Date: July, 10th 2013

TABLE OF CONTENTS

1. Schedule

1.1 Estimated project duration

The estimated project duration is approximately 6 moths. The project starts on June 25th, 2013 and the deadline is on January 6th, 2014.

1.2 Considerations

It is important to consideer that the initial planing could be revised and updated because of the evolution of the project. Using agile methodologies implies that can appear new requirements wich can alterate the proposed planing.

Furthermore, during August 2013 the project will be stopped due to summer holidays.

2. Project planning

2.1 Project planning and feasibility

This phase is currently running. It appertains to Project Management Course and it includes the next four stages:

i. Project scope.
ii. Project planning.
iii. Project budget.
iv. Initial state of art.

2.2   Project analysis and design

The main objective of this phase is to make an accurate analysis of the project and develop the consequent design.

On the one hand, in the project analysis it will be necessary to define and set the objectives, requirements, features and the use cases of our application. Furthermore, the state of art will be expanded and it is provided an analysis and evaluation of the different technologies used to the development.

On the other hand, project design consists on creating the architecture of the software, i.e. sequence diagrams, database design, etc. That implies using all the knowledge acquired during the Bachelor Degree in Computer Engineering in order to make a high quality software.

2.3   Project iterations

As we have seen in the previous document, we can divide each iteration in analysis, implementation, test, integration and preparation for the next iteration. Hence, the project will have the following iterations:

0. **Initial set up.**

    This iteration is oriented to prepare the environment and install the necessary frameworks to develop correctly the application. Once all frameworks are installed, it will be necessary to configure them in order to start the next iteration.

1. **Portfolio development.**

    In this iteration we are going to analyse and study the best solution to develop our portfolio. In addition, the main features like users' management, calendar management, agenda management, document storing and so on will be developed.

2. **Customization.**

    This iteration is destined to allow the exchange students to configure its application attending to the different needs of their host university. The functionalities implemented will be mainly about settings and system configuration.

3. Integration of different modules.

The last iteration consists on linking the different modules created and integrating them into a single application.
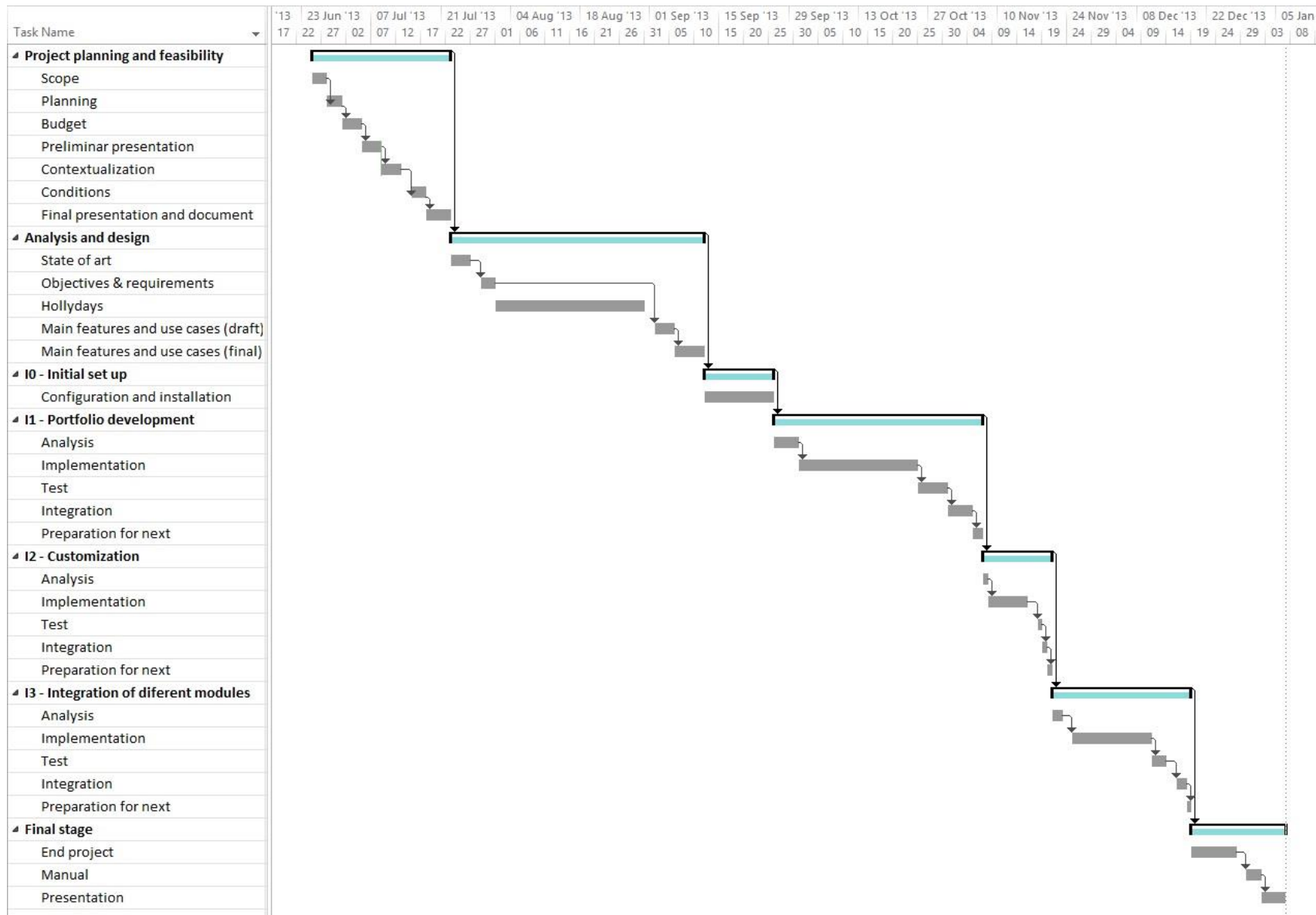
2.4 Final stage

The final stage consists on closing the project development definitively. A user manual and the final report will be provided and finally I will proceed with the final presentation.

3. Estimated time

Stage	Estimated dedication (hours)
Planning and feasibility	80
Analysis and design	70
I0 – initial set up	50
I1 – portfolio development	150
I2 – customization	50
I3 – integration of different modules	100
Final stage	50
Total	550 hours

4. Gantt chart

5. Action plan

As we have seen in the previous delivery, the agile methodology will allow us to revise and adapt dynamically the initial planning. Hence, if the stages referred in the previous point have different duration than expected, the planning will be modified. For example, if the stage has less duration than expected, it will start immediately the next one. Nonetheless, if the task lasts more than expected, it will delay the following tasks.

At the end of each stage a meeting with the director of the project will take place in order to analyse the project and confirm that the author is following a good process.

In conclusion, it will be approximately seven meetings and the estimation of the dedicated hours per week is 35 hrs. /week. Hence, the project planning is attainable.

6. Resources

To develop correctly this project plan, I will use the next resources.

Hardware:

- Hp EliteBook 8440p
- Samsung Galaxy S III

Software:

- Microsoft Windows 8 Professional
- Microsoft Office 2013
- Microsoft Project 2013
- Microsoft Visio 2013
- Adobe Reader X
- Eclipse
- Android SDK