Group2 - Time line manager
Project Plan

1   Introduction

This is the Project plan for the development of a time line manger. In this document you can find information about the project such as the organization, the milestones and the different iterations and increments of the project.

2   Project organization

This production is a student project by 7 students from LNU university. The type hierarchy used by the project is a flat hierarchy where all different will is just as important. However the project uses a project manager who has an extra task to try to merge the different will to one will of the group and also make sure the project is working forward and keeping the deadlines of the iterations.
The production team is:

- Joakim Bergqvist : Project Manager
- Jonatan Berg
- Alexandra Bjäremo
- Beysim Eryılmaz
- Xingchen Lu
- Ahmad Vakil

3   Project practices and measurements

The work is to be done in a iterative and incremental way where each increment is a deliverable, early increments will be planning/design documents and later will be implementation of the designs as well as updating documentation. Each delivered code shall be well tested and a test results will be included to all delivered code.

4   Project milestones and objectives

The most important milestones in this project is:

- Implementing all back-end solutions.
- Import/Export to database
- Implementing and integrating front end.

Increment	Iteration	Primary objectives	Scheduled start or milestone
1	I1	• Setup a Github account • Specify requirements • Analysis document (draft1)	Date from /Date to 17-03-21 / 17-03-26
1	I2	• High-level design (draft1 • Analysis Document • Decide on a base for GUI	Date from/Date to 17-03-27/17-04-06
1	I3	• Design Document(High-level design + Detailed design(draft1))	Date from/Date to 17-04-07/17-04-12

2	I1	• Implementation (1:st delivery) • Implementation plan • Test cases + test results • Detailed design	Date from/Date to 17-04-13/17-04-19
2	I2	• Add Task Window + controller. • Test cases (see Test Plan)	Date from/Date to 17-04-20/17-04-27
2	I3	• Show dates in GUI • Add Stylesheet • Implement adding Timeline / Tasks	Date from/Date to 17-04-28/17-05-04
2	I4	• Show Timeline/Tasks in GUI • Implement Database.	Date from/Date to 17-05-05/17-05-11
2	I5	• Implement edit/delete Task/Timeline • Implement show timeline /task info	Date from/Date to 17-05-12/17-05-18
2	I6	• Implementation(6:th delivery) • Focus on finishing and testing the system	Date from/Date to 17-05-19/17-05-23
2	I7	• Final delivery	Date from/Date to 17-05-24/17-05-28

5   Deployment

The software will be deployed as an executable Jar file together with a manual as a PDF file.

6   Future release

Functionality that will be pushed to future releases:

- The software can have multiple users, and timelines can be shared among the users to compare i.e. if two users have free time on a specific date.
- The software will support different zoom levels, so more detailed plan can be made but also zoom out to get a broader view.
- User can customize what timelines that should be visible.
- User can drag on edges to modify start / end time of timelines and tasks.
- The user can manually choose colors for timelines and tasks.