User Requirements Specification

Smile-Planner (Simple MILEstone Planner)

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**Revision history**

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# INTRODUCTION

## Objectives

This document defines the requirements for the users.

## History

There is no current system, so this will be the first version of it.

## Scope

A website where users can organize their projects. It is possible for the user to create different projects, split them into work packages and specify these with expected time and resources. The progress of the project can be tracked and compared to the planned one.

## Issues

Bad project management, bad communication in the project team, not enough resources, bad time management.

## Approach

Collect information, assign tasks, do the tasks including feedback rounds, finish the tasks, test the project, finish the project.

# Requirements

All requirements are defined in point form and are rated either Mandatory (M) or Highly Desirable (HD) or Desirable (D), dependent on business need and University Policy.

## Functional Requirements

### Common Features

| **Requirement** | **Preference** |
| --- | --- |
| * + - 1. As a user I want to create an account so that I can log in | M |
| * + - 1. As a user I want to create projects so I can organize them | M |
| * + - 1. As a user I want to assign resources and time to my packages so I can plan with them. | M |
| * + - 1. As a project leader I want to assign users to my project so they are on my team. | M |
| * + - 1. As a user I want to see an overview of my ongoing project so that I can plan my time. | M |
| * + - 1. As a user I want to see the progress of my ongoing projects so that I know what is still to do. | M |
| * + - 1. As a user I want to set a status for my work packages so that I can see if they are finished or ongoing. | M |
| * + - 1. As a user I want to see a calendar showing the deadlines of the work packages so that I know when they have to be finished. | M |
| * + - 1. As a user I want to compare the planned time of a work package to the actual needed so that I know if the project is delayed | M |
| * + - 1. As a user I want to be able to send messages to my colleagues so that they are informed. | M |
| * + - 1. As a user I want to be automatically informed about status changes so that I am up to date. | M |
| * + - 1. As a user I want to see the critical path so that know which work packages must not be delayed. | M |
| * + - 1. As a user I want to set the dependencies of different work packages so that the critical path can be calculated. | M |
| * + - 1. As a project leader I want to be able to remove someone from the project so they have no longer access to the project when I set them free. | M |
| * + - 1. As a user and a project leader I want to be able to load the webpage on my phone so that I can work with it wherever I want. | D |
| * + - 1. As a project leader I want to set milestones so that I know how the project is going. | M |
| * + - 1. As a user I want to assign to do lists to my work packages so I can better organize me. | M |
| * + - 1. As a user I want to have my own private to do list so I can organize my private tasks as well. | D |
| * + - 1. As a user I want the whole software to be in English so I can better work with my international colleagues. | M |
| * + - 1. As a security manager I don’t want unregistered users to have access to private user data so that the data of my users is still private. | M |

### Security Features

| **Requirement** | **Preference** |
| --- | --- |
| * + - 1. As a user I want to be able to change my password so that it is not the same than before. |  |
| * + - 1. As a security manager I want a strict password policy so that the user accounts are safe. |  |
| * + - 1. As a project leader I want to be the only person who is able to manage certain project related things so that can organize the project better. |  |
| * + - 1. As a user I don’t want my account to get hacked so that only I have access to it. |  |