Project introduction

Project management web application

**The purpose of the application**

The web application offers the most important features of a project management system. One can handle projects and tasks, assign them to users. The system enables communication between users, and can be used to track the status of the issues.

**Users and use cases**

The application introduces three different roles for registered users: Admin, Project manager, Developer.

*Admin’s use cases*

* List users
* Register a user and assign a role (Admin, PM, Dev) to her
* Edit a user
* Delete a user
* + PM use cases

*Project manager’s use cases*

* View all projects
* Create a new project
* Edit a project
* Delete a project
* View all tasks of a project
* Create a new task to a project
* Edit a task of a project, assign task to any user
* Delete a task of a project
* + Dev use cases

*Developer’s use cases*

* View project where she has an assigned task
* View tasks she is assigned to
* View comments of a task
* Comment tasks
* Delete her comments
* Upload a file to a task with comments
* View and edit her profile
* View dashboard
* Login
* Logout

**Data model**

The application stores the following data entities

* User and role
* Project
* Task
* Comment
* File meta information

**Sitemap**

The pages of the application are organized according to the following sitemap

* Dashboard
* Users
  + Create new user
  + Edit user
* Projects
  + Create a new project
  + Project page (with tasks)
    - Edit project
    - Create new task
    - Task page (with comments)
      * Edit task
* Profile
  + Edit profile