Deployment Document

Software Engineering - Team One [CS 4800]

System Requirements

- Hardware Requirements
- Processor: 1 GHz or higher
- RAM: 1 GB or higher
- Storage: Sufficient disk space to store the application and database

Software Requirements

- Operating System: Any OS that supports Java, Apache Tomcat, and MySQL
- Java Development Kit (JDK): Version 8 or higher
- Apache Tomcat: Version 8 or higher
- MySQL Database: Version 5.7 or higher
- MySQL Connector/J: Latest version

Deployment:

Import the WAR file into eclipse: File->Import->Type in WAR->Next->SELECT the WAR file, ||||||Add

You will need to install MySql, and use the included buildb.sql script to generate the Database.

Inside the com.project.db.DatabaseConnection class the login, and password for your MySql need to be set.

Run as server, SELECT the Apache in the project folder

Troubleshooting:

The JDBC may be windows only it may be the case that it needs to be swapped out with a Mac JDBC, to do so place the macJDBC in the lib folder under
`Src->main->webapp->WEB-INF->lib/, and in the Apache../lib/ folder`

A. Outside Libraries
    a. Chart.js
    b. MySQL Connector

B. Server Settings
    a. Apache Tomcat v10.0
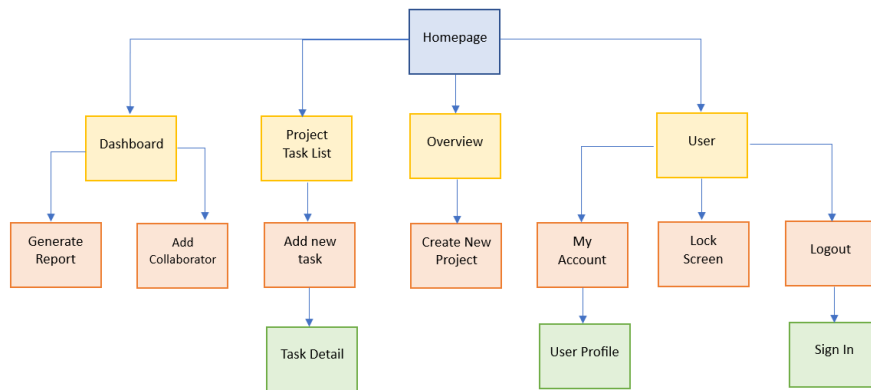   b. apache-tomcat-10.0.27.tar extracted

C. Java Download/Install:
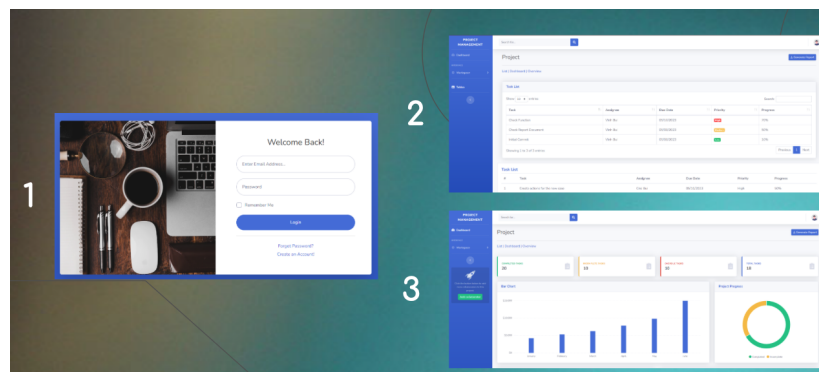   a. mysql-connector-j-8.0.33.jar
    b. Apache-tomcat-10.0.27.tar

D. Detailed Design Document:
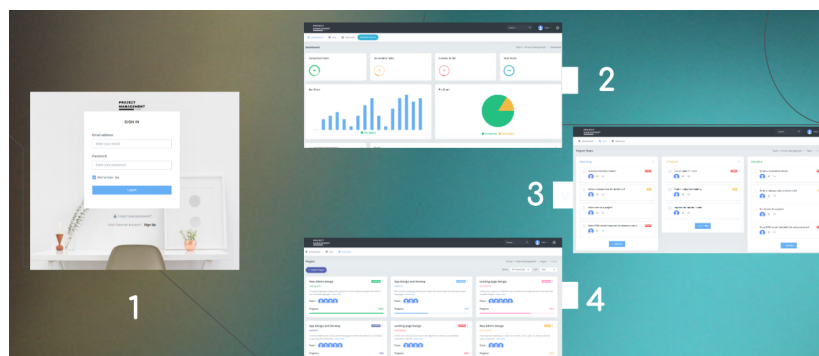   a. Mockup Page Designs
        i. Wireframe Link: https://wireframe.cc/pro/pp/032517f72638114

Sitemap

First Design

Final Design

Backend Database

Schema

Person(PersonID: integer, fname: string, lname: string, Username: string, Password: string, ProfilePicture: string, Email: string)

Project(ProjectID: integer, ProjectName: string, Role: string, ProjectStartDate: string, ProjectStatus: string, StartBudget: integer, CurrentBudget: integer,

Tasks(TaskID: integer, ProjectID: integer, TaskStartDate: string, TaskEndDate: string, Deadline: string, TaskStatus: string, TaskBlurb: string, TaskDifficulty: integer)