

# SOFTWARE ENGINEERING PROJECT

## PROJECT MANAGER

### Abstract

A major problem faced by a team working on a software project despite its size is the lack of proper coordination among its team members, especially if they are at different location making it difficult for them to meet frequently. Our project, 'Project Manager' outlines the strategy for the specific process model the team is following, allows organized communication and distribution of work between team members and makes sure that the project progress takes place according to the timeline provided by the team leader.

### Description

Our application will ensure secure login, for all the members registered with the application and Sign up for new users. General details about the employee will be fed to the application. The team leader can register a new project and add signed-in members to the project team. Project details, client's requirements, and deadlines to be met can then be added by the project leader. The tasks involved in the project will be realised and assigned to the team members by the team leader. Any change during the process of project building can be notified to some or all members. The process model to be followed can be selected and the application will allow the team leader to plan and design the schedule and timeframe ensuring that the team meets the deadline. The application will make sure that except team leader no other person can alter the project details by restricting access.

We aim to offer a multitude of features listed below:

- Register, delete and close projects.
- Assigning different tasks to all the members with specific deadlines.
- Provide option to personally message selective people as well as a broadcast feature to notify about the high priority issues.
- Assess the efficiency and progress of every member.
- Send constant reminders about the upcoming deadlines.
- Allow to make changes in the project's specifications according to the changing requirements of the client.

### Requirements

As the language used to build the software is Java we will utilize JDK. For creating the user interface, we will be using JAVA Swings, for storing data, we will be using SQL and for messaging features we will use JAVA Chat Server and communication protocols.

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