<u>Project Management System</u>

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Abstract

This website designed to help in managing various projects for a company. It allows easy management and tracking of various projects running in the organization and the people assigned to these projects. This project can also be modified, that includes various projects assigned to Team Lead, requirement, business analyst and the team members working of each project. This software system allows for easy project management and tracking activities in those projects. Allocate start and completion dates for those projects, allocate people to work on those projects and that track the project progress. The Team Lead will assign task for each department.

Modules:

1. **Client:** Has limited access to view project progress and updates. Provides feedback, comments, and approvals on specific tasks or milestones. Can track the overall project's status without participating in the day-to-day tasks.
   - **Login:** Client can login using their login-id and password.
   - **Progress checker:** they can check their project progress.
   - **Suggestion or Addons:** The client can add or give suggestions to their project.
   - **Payment:** payment for the project.

2. **Team lead:** Manages the project's overall planning, execution, and delivery. Creates and assigns tasks, sets priorities, and monitors progress. Communicates with team members, stakeholders, and clients. Generates reports and analyses project data.
   - **Login:** Team Lead can login-id and password
   - **Project Planning:** Plan all the details of the project with requirement analyst.
   - **Monitoring daily progress:** Check the team member progress.
   - **Schedule task:** they can schedule task to particular team member
   - **Schedule Meeting:** The team lead schedule meeting with client, requirement analyst, business analyst and team members.
   - **Manage department:** schedule all tasks to each department.
   - **Requirement analysis:** Analyse the requirement needed for the project.
   - **Planning:** Plan the details of the project with the developing team and the client.

3. **Team members:** Responsible for completing tasks assigned by the Team lead. Updates task status, adds comments, and records work hours.
   - **Login**: they can login using a login-id and password.
   - **Task updating**: They need to update their task regularly.

In Mini project:

Department management

Project Distribution

Task Allocation

Schedule meeting

In Main project:

Employee Management

Analysing Employee's performance

Software Requirements:

Front-end: HTML/CSS

Language: Python

Framework: Django

GitHub:

https://github.com/Diyatess