<u>Project Management System</u>

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Abstract

Taskmaster Hub is an innovative project management system designed to streamline and enhance collaboration within teams. In this system, team leads play a pivotal role by adding members to their teams, creating project proposals, and estimating costs through the integration of OpenAI. Task allocation becomes efficient as team leads divide tasks, ensuring a smooth workflow. Clients gain transparency and engagement as they can monitor their project's progress and contribute by adding project details. The system facilitates seamless financial transactions with the provision for advance payments. Administrators have the capability to add employees, overseeing daily progress reports. Additionally, team leads can schedule meetings, promoting effective communication and coordination among team members. Taskmaster Hub emerges as a comprehensive solution, fostering efficient project management, client engagement, and team collaboration.

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. There will be some pre-defined tasks assigned to the team members
   - **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. **<u>Team members:</u>** 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.

<u>Functionalist to do:</u>

Employee Management: Attendance

Analysing Employee's performance

Task Allocation

Schedule meeting

<u>Software Requirements:</u>

Front-end: HTML/CSS

Language: PHP

<u>GitHub:</u>

https://github.com/Diyatess