DYNAMIC TASK ASSIGNMENT SYSTEM

Description : Develop a system that intelligently assign tasks to various employees. In this system, Admin can add Project Managers (PM). PM can add other staffs and create various team and then assign team members to each team according to their skills. Under PM , Team Leader (TL) is present and TL distribute tasks to their teammates.Each Project should have one timetable and according to this schedule works are assigned to members.

Employees can request Admin for extend their timings ,if they can't complete their work at correct time as per schedule. Employees can able to see their assigned task once they logged in , also there is an option for updating their work progress. So upper management also able to see completed and pending works. Also the performance of employees get evaluated according to their timely completion of work.

Modules:

1.User Authentication:

This module provides secure authentication and authorization mechanisms for users including project managers, employees, and administrators. Users can log in securely to access the system based on their roles and permissions.

2.Project Managers:

Project managers have access to features for creating, managing, and tracking projects within the system. They can assign tasks to employees, set deadlines, allocate resources, and monitor the progress of projects in real-time. Additionally, project managers can generate reports and analyze project performance metrics.

3.Employees:

Employees can view assigned tasks, update task status, communicate with project managers, and collaborate with team members. They receive notifications for new tasks, deadline reminders, and updates on project-related activities. Employees can also submit progress reports and request assistance when needed.

4.Task Management:

This module allows for the creation, assignment, and tracking of tasks throughout their lifecycle. Tasks can be categorized, prioritized, and assigned to specific employees based on their skills and availability. Task details such as descriptions, deadlines, dependencies, and attachments are managed within this module.

5.Reporting and Analytics:

The reporting module enables users to generate customized reports on project status, task completion rates, resource utilization, and other key performance indicators. These reports assist project managers and administrators in making data-driven decisions and optimizing resource allocation.

6.Administration:

Administrators have privileged access to user management, role-based permissions, and other administrative tasks. They can customize the system according to organizational requirements and manage user accounts