

## **Project Title:**

Task Management System with Role-Based Access

## **Project Overview:**

This is a web-based Task Management System where users with different roles can manage, assign, and track tasks. The system ensures that tasks are properly assigned and their progress is monitored.

## **Roles & Permissions:**

### **1. Admin:**

- a. Create, edit, and delete users.
- b. Assign roles to users (e.g., Teacher, Student).
- c. View all tasks and their statuses.

### **2. Teacher/User:**

- a. Create tasks.
- b. Assign tasks to students.
- c. Update task details (e.g., name, deadline).

### **3. Student:**

- a. View tasks assigned to them.
- b. Update task status (e.g., Completed, In Progress).
- c. Update task by uploading the files

## **Key Features:**

- **User Management:** Admin can add/remove users and assign roles.
- **Task Management:**
  - Create, edit, and delete tasks.
  - Assign tasks to students.
- **Task Status Updates:** Students can mark tasks as Completed, In Progress, or Pending.
- **Role-Based Access Control:** Each user sees only the actions they are allowed to perform.

- **Dashboard:**
  - Admin: Overview of all users and tasks.
  - Teacher: Tasks created and assigned by them, with status tracking.
  - Student: Tasks assigned to them and their status.