Full-Stack Web Application – Task Management System

Title: "Building a Task Management Web App with Django and React"

Description:

This project aims to test your ability to integrate front-end and back-end technologies into a functional full-stack web application. You will build a task management system that allows users to register, log in, and manage their daily tasks.

The back end should be implemented using Django REST Framework, providing secure API endpoints for task creation, retrieval, updates, and deletion. The front end should be built with React, featuring dynamic components for task lists, filtering, and progress visualization.

You must implement token-based authentication (JWT), form validation, and responsive design.

Submit both your code repository and a short technical report (max 3 pages) describing your system architecture, API design, deployment process (optional with Docker), and the challenges faced during integration.