

Web and Script Programming Project PART 1 - Report

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Project Idea: Task tracker/To-do list tracker for University students

Website name: TaskNest

For our Web and Script programming project, we have chosen *TaskNest*, a simple and effective web application designed to help students organize and manage their academic responsibilities and tasks in one place. Our goal with this project is to create a clean, easy-to-use task management tool where users can quickly add tasks, track due dates, and stay on top of their workload. Many students struggle to balance assignments, quizzes, projects, labs, extracurriculars, and personal responsibilities, so TaskNest aims to provide a centralized, stable space where these tasks can be neatly stored and managed. The website/app is built with a focus on usability, minimalism, and clear organization so that students can rely on it daily without feeling overwhelmed.

TaskNest will include a landing page featuring a custom-designed logo and a strong "Add New Tasks" button that leads directly to the task creation form. Users will be able to create tasks with details such as task name, due date and status. These tasks will then appear in a dashboard-style table where they can be viewed, updated, or deleted as needed. The application will have full CRUD implementation (Create, Read, Update, Delete) to show how data flows through the system. By integrating a cloud database (MongoDB) and deploying the site online, users will be able to experience TaskNest as a functioning service rather than just a local demo.

Our group chose this project because it is practical, simple, and still showcases important concepts in web development. It allows us to design a real interface, create interactive components with JavaScript, and demonstrate control over data using cloud service and deployment tools. TaskNest will serve as both a productivity tool and a demonstration of our understanding of the concepts we learned in our web script programming class.

<u>Name</u>	<u>Student ID</u>	<u>Contributions</u>
		<ul style="list-style-type: none">• Led front-end development and overall design.• Managed

Yinka Onabanjo Iseoluwanimi	100963897	<ul style="list-style-type: none"> deployment setup. Implemented responsive UI/UX elements. Organized project assets. Created initial CSS styling. Built CRUD functionality (Create, Read, Update, Delete). Contributed to dashboard/table layout. Added responsive design features.
Osman Bilal	100977834	<ul style="list-style-type: none"> Assisted with project folder structure and workflow planning. Created breakdowns for the video to make planning easier. Edited the video to optimize quality. Helped Rizwan with debugging. Assisted in deploying the project to GitHub.
Rizwan Ziae	100972962	<ul style="list-style-type: none"> Designed website logo and branding. Developed project concept ideas. Tested functionality and fixed bugs. Built header, footer, and landing page code. Assisted with repository setup. Made majority of GitHub commits.

