Task # 8: Web Application Development

Note: Must use ChatGPT for solutions, it is mandatory.

Build a Collaborative Task Management Tool

Description: Your task is to create a web-based task management tool that allows multiple users to collaborate and manage tasks together. The platform should have the following features:

User Authentication: Users should be able to create accounts, login, and logout.

Task Management: Users should be able to create tasks, assign tasks to team members, set deadlines, and track progress

Project Management: Users should be able to create projects, add tasks to projects, assign team members to projects, and track the overall progress of projects.

Collaboration: Users should be able to collaborate with team members on tasks and projects by leaving comments, tagging team members, and sharing files.

Notifications: Users should receive notifications for new tasks, changes to tasks, and project updates.

Reporting: Users should be able to generate reports on task and project progress.

Search: Users should be able to search for tasks and projects based on keywords and filters.

Customization: Users should be able to customize their dashboard and task views.

Submission Requirements: You should submit a link to your live web application, along with the source code and a brief documentation on how to run the application locally. You are free to use any web development technologies and frameworks of your choice. The submission will be evaluated based on the quality of the user experience, the completeness of the features, and the quality of the code. Good luck!