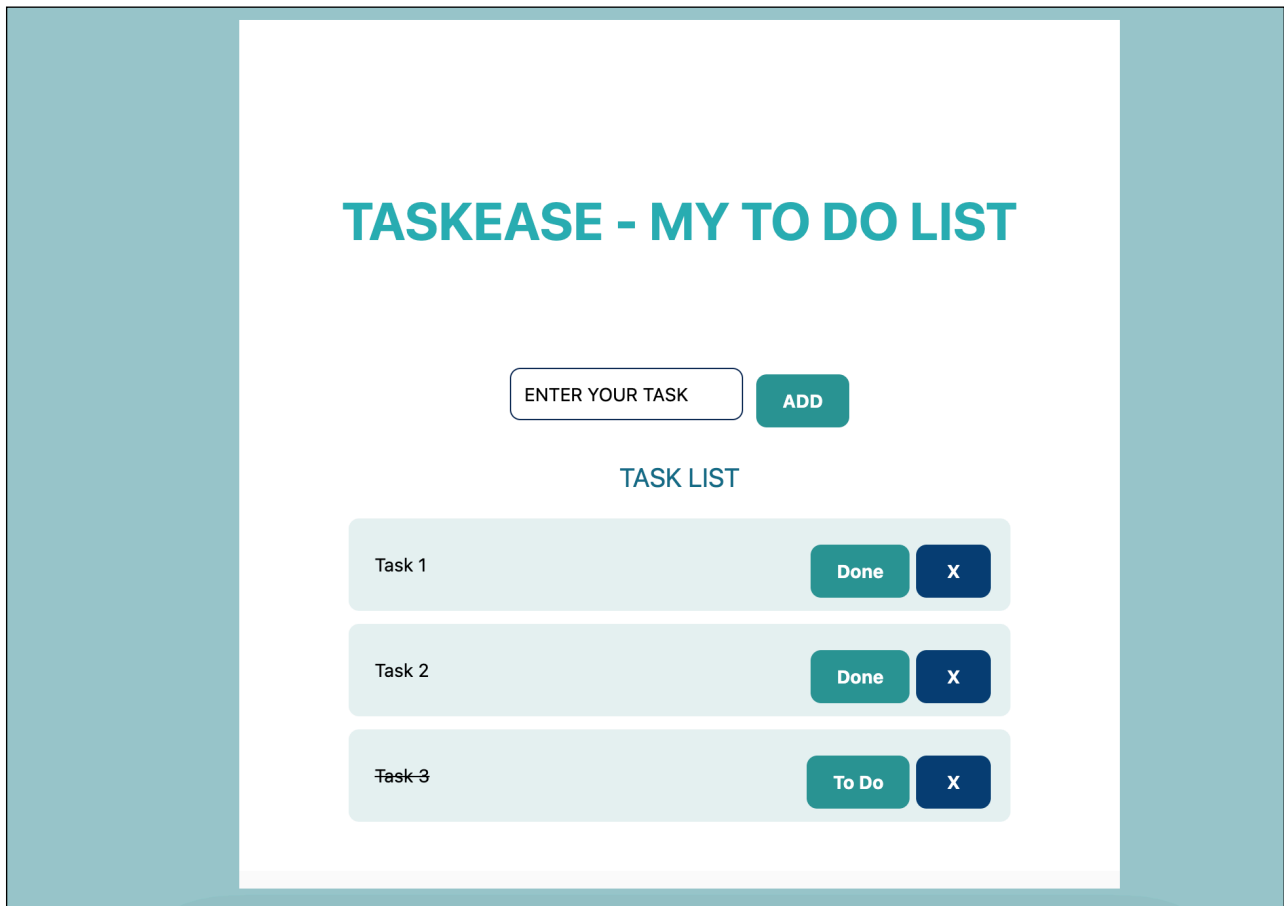

TaskEase - My ToDoList

Frontend Assignment

Chinmay Singh



TASKEASE - MY TO DO LIST

PROJECT SETUP

Initially, the project was set up using React Native with TypeScript, utilizing Expo for faster development and deployment. Tailwind CSS was integrated for styling, providing a modern and responsive UI.

FUNCTIONALITY IMPLEMENTATION

Display Task List - Implemented the feature to display a list of tasks.

Add New Task - Added functionality to add new tasks to the list.

Mark Task - Added ability to mark tasks as done or to do.

Delete Task - Integrated functionality to delete tasks from the list.

STYLING AND DESIGN

Utilized Tailwind CSS for styling to achieve a clean and modern look.

Ensured responsiveness across different screen sizes for a seamless user experience.

CHALLENGES FACED

Styling and Layout - Aligning components and ensuring proper spacing and alignment posed challenges, especially in smaller screen sizes.

State Management - Managing state for tasks and error handling required careful consideration to maintain app integrity.

Integration with Expo Go - While Expo Go streamlined testing and deployment, some adjustments were needed for optimal performance.

ADDITIONAL FEATURES AND IMPROVEMENTS

Task Categories - Implementing task categories or labels for better organization.

Search and Filter - Adding search and filter functionality to easily find tasks.

Customization - Providing customization for themes or task display preferences.

Data Persistence - Integrating data persistence to store tasks locally.

User Authentication - Adding user authentication for personalized use.

Notifications - Implementing notifications for task reminders and deadlines.

CONCLUSION

This app provides a simple and efficient solution for task management. The use of React Native, TypeScript, Tailwind CSS, and Expo Go facilitated rapid development and deployment. Addressing challenges during development led to a robust and user-friendly application, with potential for further enhancements to enrich the user experience.