ToDo App

Objective:

The objective of this project is to create a user-friendly, interactive Todo application that allows users to add, update, delete, and mark tasks as completed. The project uses React for building the user interface, with features such as state management for handling todos, persistent storage through local storage, and contextual hooks for easier task manipulation.

About:

This Todo application is a simple and efficient tool for managing daily tasks. It allows users to create new todos, edit them, mark them as complete, or remove them once done. The user interface is minimalistic yet functional, with smooth interactions and local storage support to ensure that tasks persist between browser sessions. The project showcases effective use of React's functional components, hooks, and context API for state management.

Features:

- **Add Todos: Users can quickly add new tasks to their todo list using the input form.**
- **Update Todos: Users can edit the text of existing tasks, ensuring flexibility in task descriptions.**
- **Delete Todos: Unwanted tasks can be removed from the list with a single click.**
- **Mark as Completed: Users can mark tasks as completed by checking a checkbox, which visually updates the task to show it's done.**
- **Responsive Design: The layout is responsive and adjusts to various screen sizes, making it accessible on both desktop and mobile devices.**
- **Local Storage: Todos are saved in the browser's local storage, ensuring persistence of data even when the page is refreshed or revisited.**
- **Context API: The application uses the Context API for managing todos, making it scalable and organized.**
- **This project offers a straightforward yet effective solution for managing personal tasks and staying organized in daily routines.**

- The app handles errors gracefully, providing feedback to the user in case of issues such as invalid city searches or failure to access location.

Screenshot