SUNSTONE

"TO-DO-LISTS"

Task - 2

TO-DO-LISTS

A to-do list project typically aims to help users organize tasks, manage priorities, and increase productivity by providing a user-friendly platform for creating, editing, and tracking tasks or activities. Features often include task categorization, due dates, reminders, and sometimes collaboration options for team projects. The primary goal is to streamline task management and enhance efficiency in personal or professional settings.

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Task-2

Evaluation Metric:

Functionality:
-Task Creation: Assess the ease of creating new tasks.
- Task Editing: Evaluate the ability to modify or update tasks

Reminders and Notifications:
- Timeliness: Check the accuracy and promptness of reminders.
- Customization: Evaluate options for setting personalized reminders..

Performance:
- Speed: Assess the responsiveness and speed of the application.
- Reliability: Evaluate the system's stability and lack of errors.

Data Security:
- Privacy: Ensure user data is secure and private.

User Feedback and Reviews:
- Gather user opinions and reviews on usability and effectiveness.
- Feedback Mechanism: Evaluate how well the system incorporates user feedback for improvements.

Scalability:
- Evaluate how well the system handles an increasing number of tasks and users over time.

Step-WiseDescription

Project Setup:

Create React app using npx create-react-app. Establish components and services directories in the src folder.

Component Creation:
- Add task
- Edit task
- Delete task
- View task.

Rendering Components:
- App.js: Imports and renders the PostList component.
- index.js: Renders the App component into the root HTML element.

Handling Errors:

Use .catch in components making API calls to handle errors.

Task Summary

A to-do list is a task management tool designed to enhance productivity by allowing users to create, edit, and organize tasks efficiently. Key features include an intuitive user interface, task creation and editing capabilities, priority management, reminders, collaboration tools (if applicable), cross-device functionality, and robust performance. Evaluation metrics cover aspects such as UI design, functionality, reminders, collaboration features, platform compatibility, performance, data security, user feedback, integration capabilities, and scalability. Regular assessment of these metrics ensures the to-do list remains effective in meeting user needs.

Submission
Github

Github Link