SUNSTONE

"To-do list"

Task - 2

To-Do List

- The purpose of the to-do list project is to provide users with a simple and efficient tool for managing tasks and organizing their daily

- The project will include features such as task creation, deletion, and modification, as well as categorization and prioritization of tasks.

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Task-2

Create UI and implement various components using react

Component Structure:

1. Header:
>>> App Title
>>> Add Task Button

2. Task Input:
>>> Text Input Field
>>> Add Task Button

3. Task List:
>>> List of Tasks
>>> Task Item
>>> Task Name
>>> Edit Button
>>> Delete Button

4. Task Modal:
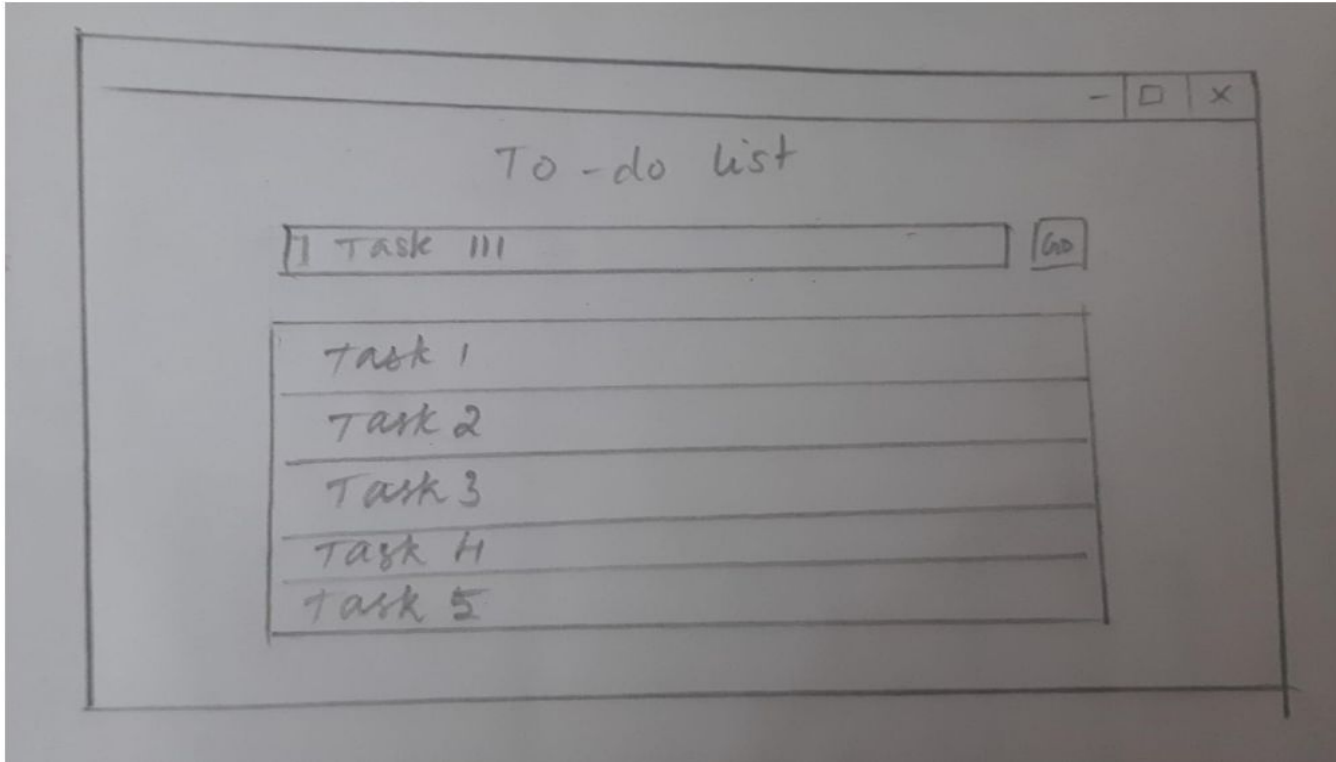
Modal for Editing/Adding Task
>>> Task Name Input
>>> Save Button
>>> Cancel Button

Task - 2

Create UI and implement various components using react

Task-2

Evaluation Metric:

- **100% Completion of the above tasks**

1. User Interface (UI) Design:

   Clarity and simplicity of task entry and display.

   Intuitive design for adding, editing, and deleting tasks.

2. User Experience (UX):

   Smooth navigation between different components.

   Responsiveness to user interactions.

Step-Wise Description

1. Header Component:

Display the title of the to-do list app.
Include a button to add a new task.

2. Task Input Component:

Render a text input field for users to enter new tasks.
Include a button to add the task to the list.

3. Task List Component:

Display a list of tasks.
Each task should have a name, an edit button, and a delete button.

4. Task Modal Component:

Display a modal for editing/adding tasks.
Include an input field for task name, save button, and cancel button.
Show the total number of tasks dynamically.
Allow users to clear completed tasks on button click.

Task°-°2

Learning Outcome

- Developing°complicated°UI°using°react°components
- Using°props°drilling°and°context°to°pass°variables
- Getting°familiar°with°different°type°of°api°calls
- Handling°different°input°data

Summary of your task

In this task, we designed a simple yet effective UI for a to-do list app, focusing on essential CRUD operations. By structuring components logically, it ensured a seamless user experience. The evaluation metrics emphasized the importance of clarity, functionality, and adherence to UI/UX principles.

Assessment°Parameter

Setup°Project°for°To do list project

Setup°basic°structure°of°text-editor°project

Create°a°main°component°with°the° outer°structure°of°to do list project

Check-List

Create°main°component°with° all°feature°buttons

Create°a°button°component° with°on°click°handler

Create°a°json°object°to°store° data°for°text°editor

Create°a°`□evaluateExpresion`° function°to°evaluate°value

Push°both°code°to°github

Submission Github

https://github.com/Keerthi-pk10/To-do-list-project/tree/main