

Assignment: Build a Simple ToDo Application

Objective:

Create a simple ToDo application using Nextjs and the useState hook to manage the list of tasks. This assignment will help you understand how to manage state and dynamically update your UI as the user interacts with the app.

Requirements:

1. Add a Task:

1. Create an input field where users can type a task.
2. Use a button to add the task to the list.
3. When the button is clicked, update the list of tasks using useState.

2. Display Tasks:

1. Display the list of tasks below the input field.
2. Each task should be displayed as an item in a list.

3. Delete a Task (Optional):

1. Add a button next to each task to delete it from the list.
2. When the delete button is clicked, remove the task from the list using useState.

Hints:

- Use the useState hook to create state variables for:
 - The current task being typed by the user.
 - The list of tasks.
- For example:
 - `const [task, setTask] = useState("");`
 - `const [tasks, setTasks] = useState([]);`
- Use the map() function to render the list of tasks dynamically.
- I have written an example of Fruits that will help you complete this task.