**To do list**

**APP.JS**

import React, { useState } from 'react';

import './App.css'

const TodoList = () => {

const [inputTask, setInputTask] = useState('');

const [list, setList] = useState([]);

const handleAddTodo = () => {

const newTask = {

id: Math.random(),

todo: inputTask,

completed: false // Initially, the task is not completed

};

setList([...list, newTask]);

setInputTask('');

};

const handleDeleteTodo = (id) => {

const newList = list.filter((todo) => todo.id !== id);

setList(newList);

};

const handleToggleComplete = (id) => {

const updatedList = list.map((todo) => {

if (todo.id === id) {

return { ...todo, completed: !todo.completed };

}

return todo;

});

setList(updatedList);

};

const handleInputChange = (event) => {

setInputTask(event.target.value);

};

return (

<div className="Todo">

<h1>My To-Do List</h1>

<div className="Top">

<input

className="input"

type="text"

value={inputTask}

onChange={handleInputChange}

placeholder="Enter a task"

/>

<button className="btn" onClick={handleAddTodo}>

ADD

</button>

</div>

<ul>

{list.map((todo) => (

<li className="task" key={todo.id}>

<input

type="checkbox"

checked={todo.completed}

onChange={() => handleToggleComplete(todo.id)}

/>

{todo.todo}

<button onClick={() => handleDeleteTodo(todo.id)}>

Delete

</button>

</li>

))}

</ul>

</div>

);

};

export default TodoList;

**App.CSS**

.App {

font-family: Arial, sans-serif;

text-align: center;

background-color: #f5f5f5;

padding: 20px;

}

h1 {

color: #333;

}

.Top {

display: center;

justify-content: center;

margin: 20px 0;

}

.input {

padding: 10px;

border: 3px solid #ccc;

border-radius: 5px;

margin-left: 10px;

}

.btn {

background-color: #4caf50;

color: white;

border: none;

border-radius: 5px;

padding: 8px 15px;

margin-left: 10px;

cursor: pointer;

}

ul {

list-style-type: none;

padding: 0;

margin-left: 10px;

}

.task {

background-color: #fff;

margin: 5px 0;

padding: 10px;

border: 1px solid #ccc;

border-radius: 5px;

display: flex;

justify-content: space-between;

align-items: center;

margin-left: 5px;

}

.task button {

background-color: #f44336;

color: white;

border: none;

border-radius: 5px;

padding: 5px 10px;

cursor: pointer;

}