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WEEK-4 ASSIGNMENT

App.js

```
import React, { useState } from "react";
```

```
function App() {
```

```
  const [tasks, setTasks] = useState([]);
```

```
  const [inputTask, setInputTask] = useState("");
```

```
  const [inputDate, setInputDate] = useState("");
```

```
  const [inputTime, setInputTime] = useState("");
```

```
  const addTask = () => {
```

```
    const currentDate = new Date();
```

```
    const defaultDate = new Date(currentDate);
```

```
    defaultDate.setDate(currentDate.getDate() + 1);
```

```
    const task = {
```

```
      id: tasks.length + 1,
```

```
      text: inputTask,
```

```
      date: inputDate || defaultDate.toISOString().split("T")[0],
```

```
      time: inputTime || currentDate.toLocaleTimeString([], { hour: "2-digit", minute: "2-digit"
    })),
```

```
      completed: false,
```

```
    };
```

```
    setTasks([...tasks, task]);
```

```
    setInputTask("");
```

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```
setInputDate("");
```

```
setInputTime("");
```

```
};
```

```
const toggleComplete = (id) => {
```

```
  setTasks(tasks.map((task) =>
```

```
    task.id === id ? { ...task, completed: !task.completed } : task
```

```
  ));
```

```
};
```

```
const appStyle = {
```

```
  backgroundImage: "url('https://img.freepik.com/premium-photo/colorful-background-with-yellow-blue-geometric-pattern_481527-25413.jpg')", // Replace this URL with your image path
```

```
  backgroundSize: "cover",
```

```
  backgroundRepeat: "no-repeat",
```

```
  backgroundPosition: "center",
```

```
  height: "100vh",
```

```
  color: "white",
```

```
  padding: "20px",
```

```
};
```

```
return (
```

```
  <div style={appStyle}>
```

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

```
  </div>
```

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```
<input
  type="text"
  placeholder="Enter task"
  value={inputTask}
  onChange={(e) => setInputTask(e.target.value)}
/>

<input
  type="date"
  value={inputDate}
  onChange={(e) => setInputDate(e.target.value)}
/>

<input
  type="time"
  value={inputTime}
  onChange={(e) => setInputTime(e.target.value)}
/>

<button onClick={addTask}>Add Task</button>
</div>

<ul>
  {tasks.map((task) => (
    <li key={task.id} style={{ textDecoration: task.completed ? "line-through" : "none" }}>
      <input
        type="checkbox"
        checked={task.completed}
        onChange={() => toggleComplete(task.id)}
      />
```

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```
        {task.text} - {task.date} {task.time}  
    </li>  
    )}  
</ul>  
</div>  
);  
}
```

export default App;

