

MINIPROJECT 6:[717821|147]

Task Manager

Code:

//TaskList.js

```
import React from "react";
import Task from "../Task";

function TaskList({ tasks, removeTask, selectTask }) {
  return (
    <div>
      <h2>Task List</h2>
      {tasks.map((task) => (
        <Task
          key={task.id}
          task={task}
          removeTask={removeTask}
          selectTask={selectTask}
        />
      ))}
    </div>
  );
}

export default TaskList;
```

//Task.js

```
import React from "react";
import Task from "../Task";

function TaskList({ tasks, removeTask, selectTask }) {
  return (
    <div>
      <h2>Task List</h2>
      {tasks.map((task) => (
        <Task
          key={task.id}
          task={task}
          removeTask={removeTask}
          selectTask={selectTask}
        />
      ))}
    </div>
  );
}
```

```

        />
      )})
    </div>
  );
}

export default TaskList;

```

//UpdateTask.js

```

import React, { useState, useEffect } from "react";
function UpdateTask({ selectedTask, updateTask, setSelectedTask }) {
  const [title, setTitle] = useState("");
  const [description, setDescription] = useState("");
  useEffect(() => {
    setTitle(selectedTask.title);
    setDescription(selectedTask.description);
  }, [selectedTask]);
  const handleSubmit = (e) => {
    e.preventDefault();
    const updatedTask = {
      id: selectedTask.id,
      title,
      description,
    };
    updateTask(selectedTask.id, updatedTask);
    setSelectedTask(null);
  };
  return (
    <div>
      <h2>Update Task</h2>
      <form onSubmit={handleSubmit}>
        <label>
          Title:
          <input
            type="text"
            value={title}
            onChange={(e) => setTitle(e.target.value)}
          />
        </label>

```

```

<br />
<label>
Description:
<textarea
value={description}
onChange={(e) => setDescription(e.target.value)}
/>
</label>
<br />
<button type="submit">Update</button>
<button onClick={() => setSelectedTask(null)}>Cancel</button>
</form>
</div>
);
}
export default UpdateTask;

```

//AddForm.js

```

import React, { useState } from "react";

function AddForm({ addTask }) {
  const [title, setTitle] = useState("");
  const [description, setDescription] = useState("");

  const handleSubmit = (e) => {
    e.preventDefault();
    const task = {
      id: Math.floor(Math.random() * 10000),
      title,
      description,
    };
    addTask(task);
    setTitle("");
    setDescription("");
  };

  return (
    <div>
      <h2>Add Task</h2>

```

```
<form onSubmit={handleSubmit}>
  <label>
    Title:
    <input
      type="text"
      value={title}
      onChange={ (e) => setTitle(e.target.value) }
    />
  </label>
  <br />
  <label>
    Description:
    <textarea
      value={description}
      onChange={ (e) => setDescription(e.target.value) }
    />
  </label>
  <br />
  <button type="submit">Add</button>
</form>
</div>
);
}

export default AddForm;
```

Output:

Task Manager

Task List

Add Task

Title:

Description:

Task Manager

Task List

Reading

Reading is one good habit

Add Task

Title:

Description: