

```
// ReportsPage.js
```

```
// import { initialRules, reportTypes } from "../data/mockData"; ❌ remove initialRules  
import { reportTypes } from "../data/mockData"; // keep only if needed
```

```
const [rules, setRules] = useState([]);
```

```
// fetch reports from backend when page loads
```

```
useEffect(() => {  
  fetch("http://localhost:8080/api/reports")  
    .then((res) => res.json())  
    .then((data) => setRules(data))  
    .catch((err) => console.error("Error fetching reports:", err));  
}, []);
```

```
const handleSaveRule = () => {
```

```
  if (currentRule.id) {  
    // UPDATE  
    fetch(`http://localhost:8080/api/reports/${currentRule.id}`, {  
      method: "PUT",  
      headers: { "Content-Type": "application/json" },  
      body: JSON.stringify(currentRule),  
    })  
      .then(() => {  
        setRules((prev) =>  
          prev.map((r) => (r.id === currentRule.id ? currentRule : r))  
        );  
        setNotification({ type: "success", message: "Report updated!" });  
        setShowRuleModal(false);  
      });  
  } else {  
    // CREATE  
    fetch("http://localhost:8080/api/reports", {  
      method: "POST",  
      headers: { "Content-Type": "application/json" },  
      body: JSON.stringify(currentRule),  
    })  
      .then((res) => res.json())  
      .then((newRule) => {  
        setRules((prev) => [newRule, ...prev]);  
        setNotification({ type: "success", message: "Report added!" });  
        setShowRuleModal(false);  
      });  
  }  
};
```

```
const handleDeleteRule = (ruleId) => {
```

```
  if (window.confirm("Are you sure you want to delete this report?")) {
```

```
fetch(`http://localhost:8080/api/reports/${ruleId}`, {
  method: "DELETE",
})
.then(() => {
  setRules((prev) => prev.filter((r) => r.id !== ruleId));
  setNotification({ type: "success", message: "Report deleted!" });
})
.catch(() =>
  setNotification({ type: "error", message: "Delete failed!" })
);
}
```