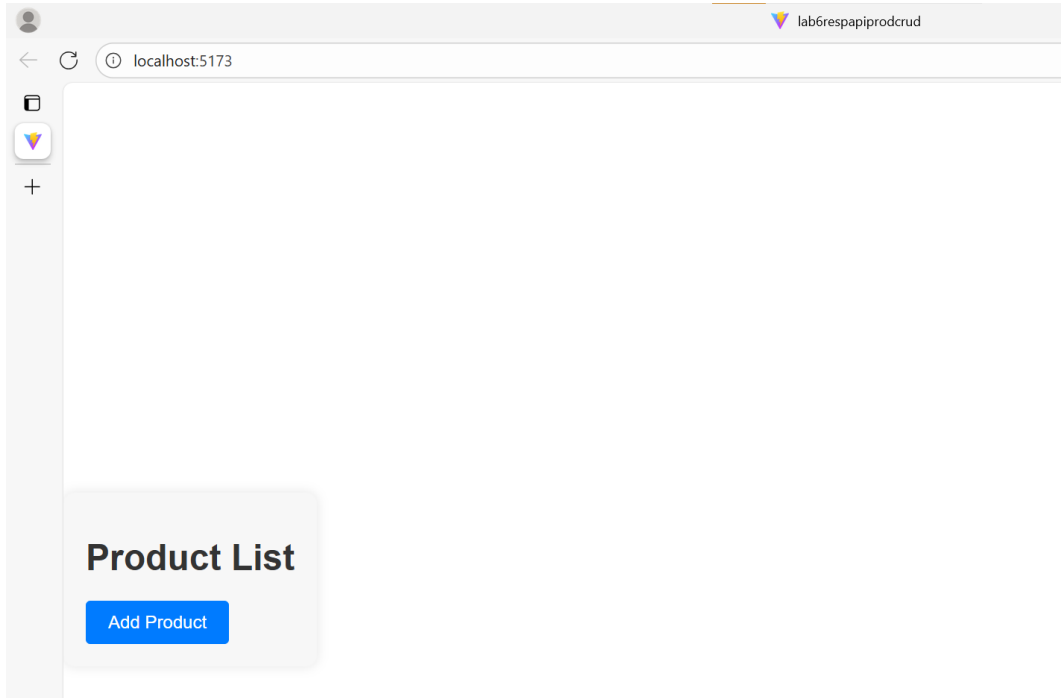


Lab6: React REST API output:

Product CRUD RESULTS



Add a new product:

The screenshot shows a web browser at localhost:5173 displaying a form titled "Add New Product". The form has four input fields: "Name" (laptop for Deepika), "Description" (nvidia AI laptop recent versi), "Price" (1200), and "Stock" (100). Below the fields are "Add Product" and "Cancel" buttons. The browser's developer tools are open, showing the "Sources" panel with the file "ProductForm.jsx" selected. The code in the Sources panel shows a fetch request to "http://localhost:5000/products" with method "POST" and headers {"Content-Type": "application/json"}. The console panel shows an error: "Error adding product: TypeError: Failed to fetch at handlesubmit (ProductForm.jsx:23:9)". The error message is "Failed to load ;5000/products:1 net::ERR_CONNECTION_REFUSED".

Dimensions: Responsive 908 x 452 100% No throttling 'Save Data': default

Add New Product

Name: laptop for Deepika

Description: nvidia AI laptop recent versi

Price: 1200

Stock: 100

Add Product Cancel

ProductForm.jsx

```
22 e.preventDefault();
23 fetch('http://localhost:5000/products',{
24   method:'POST',
25   headers:{'Content-Type':'application/json'},
26   body:JSON.stringify(newProduct)
27 })
28 .then(response=>response.json())
29 .then(data =>{
30   console.log('Product added:',data);
31   onAddProduct(data);
32 })
33 .catch(error =>console.error('Error adding product:',error));
34 };
35
36 return(
```

Line 23, Column 9 (From ProductForm.jsx) Coverage: n/a

Console

Default levels top 4 2 hidden

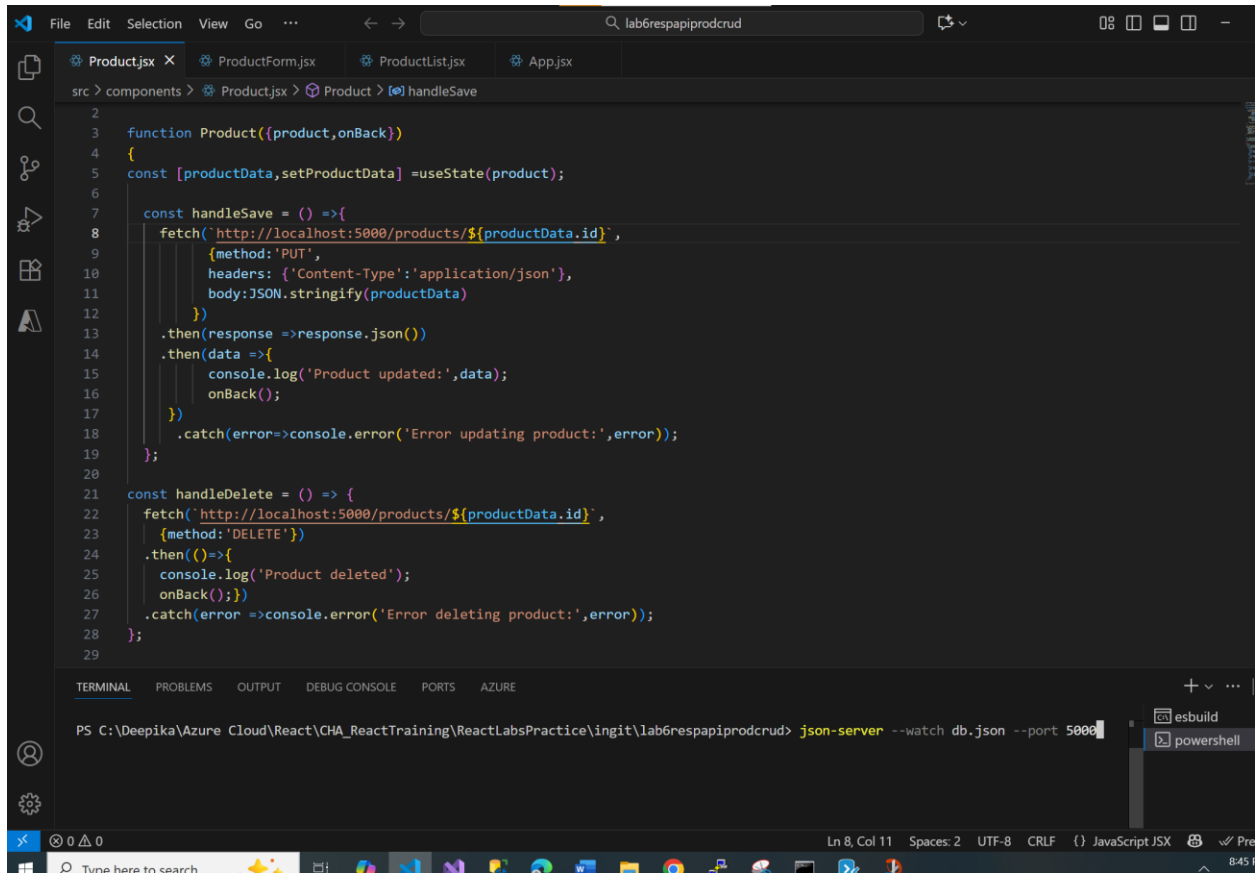
Failed to load ;5000/products:1 net::ERR_CONNECTION_REFUSED

Error adding product: TypeError: Failed to fetch at handlesubmit (ProductForm.jsx:23:9) show ignore-listed frames

[New] Explain console errors by using Copilot in Edge: click to explain an error. Learn more

Error since Db.json is not run.

Starting DB.Json



The image shows a Visual Studio Code editor window with a dark theme. The top bar shows the file explorer with a search bar containing 'lab6resapiprodcrud'. The editor has four tabs: 'Product.jsx', 'ProductForm.jsx', 'ProductList.jsx', and 'App.jsx'. The active file is 'Product.jsx', and the editor shows the 'handleSave' function. The code defines a 'Product' function that takes 'product' and 'onBack' as arguments. It uses 'useState' to manage 'productData'. The 'handleSave' function uses 'fetch' to send a PUT request to 'http://localhost:5000/products/\${productData.id}' with the product data as JSON. It logs the updated product and calls 'onBack'. The 'handleDelete' function uses 'fetch' to send a DELETE request to the same URL and logs the deletion. The terminal at the bottom shows the command 'json-server --watch db.json --port 5000' being executed in a PowerShell window. The status bar at the bottom indicates the current line and column (Ln 8, Col 11), the number of spaces (2), the encoding (UTF-8), the line ending (CRLF), and the file type (JavaScript JSX).

```
2
3 function Product({product,onBack})
4 {
5   const [productData,setProductData] =useState(product);
6
7   const handleSave = () =>{
8     fetch('http://localhost:5000/products/${productData.id}',
9       {method:'PUT',
10        headers: {'Content-Type':'application/json'},
11        body:JSON.stringify(productData)
12      })
13     .then(response =>response.json())
14     .then(data =>{
15       console.log('Product updated:',data);
16       onBack();
17     })
18     .catch(error=>console.error('Error updating product:',error));
19   };
20
21   const handleDelete = () => {
22     fetch('http://localhost:5000/products/${productData.id}',
23       {method:'DELETE'})
24     .then(()=>{
25       console.log('Product deleted');
26       onBack();})
27     .catch(error =>console.error('Error deleting product:',error));
28   };
29 }
```

TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE

PS C:\Deepika\Azure Cloud\React\CHA_ReactTraining\ReactLabsPractice\ingit\lab6resapiprodcrud> json-server --watch db.json --port 5000

Ln 8, Col 11 Spaces: 2 UTF-8 CRLF {} JavaScript JSX 8:45 f

```
File Edit Selection View Go ... lab6respapiprodcrud
Product.jsx ProductForm.jsx ProductList.jsx App.jsx
src > components > Product.jsx > handleSave

2
3 function Product({product,onBack})
4 {
5   const [productData,setProductData] =useState(product);
6
7   const handleSave = () =>{
8     fetch('http://localhost:5000/products/${productData.id}',
9       {method:'PUT',
10        headers: {'Content-Type':'application/json'},
11        body:JSON.stringify(productData)
12      })
13     .then(response =>response.json())
14     .then(data =>{
15       console.log('Product updated:',data);
16       onBack();
17     })
18     .catch(error=>console.error('Error updating product:',error));
19   };
20
21   const handleDelete = () => {
22     fetch('http://localhost:5000/products/${productData.id}',
23       {method:'DELETE'})
24     .then(()=>{
25       console.log('Product deleted');
26       onBack();
27     })
28     .catch(error =>console.error('Error deleting product:',error));
29   };
30 }
```

TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE

PS C:\Deepika\Azure Cloud\React\CHA_ReactTraining\ReactLabsPractice\ingit\lab6respapiprodcrud> json-server --watch db.json --port 5000

Ln 8, Col 11 Spaces: 2 UTF-8 CRLF {} JavaScript JSX 8:45 PM

TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE

PS C:\Deepika\Azure Cloud\React\CHA_ReactTraining\ReactLabsPractice\ingit\lab6respapiprodcrud> json-server --watch db.json --port 5000
PS C:\Deepika\Azure Cloud\React\CHA_ReactTraining\ReactLabsPractice\ingit\lab6respapiprodcrud> json-server --watch db.json --port 5000
PS C:\Deepika\Azure Cloud\React\CHA_ReactTraining\ReactLabsPractice\ingit\lab6respapiprodcrud> json-server --watch db.json --port 5000
--watch/-w can be omitted, JSON Server 1+ watches for file changes by default
JSON Server started on PORT :5000
Press CTRL-C to stop
Watching db.json...

☺(˘ ˘)

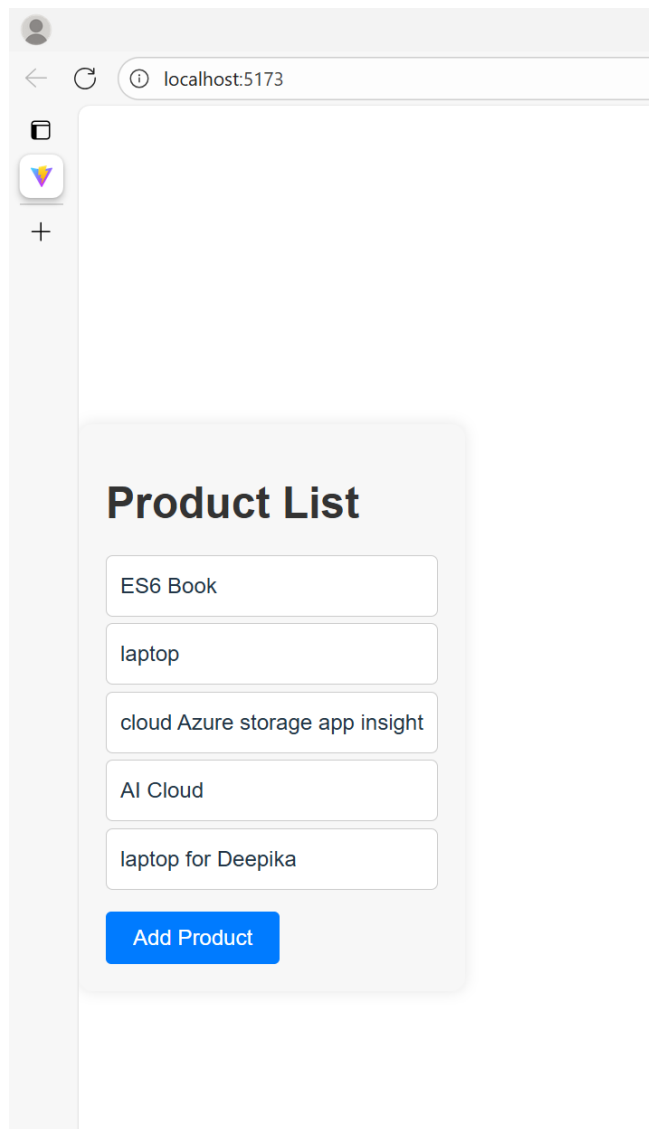
Index:
http://localhost:5000/

Static files:
Serving ./public directory if it exists

Endpoints:
http://localhost:5000/products

Ln 8, Col 11 Spaces: 2 UTF-8 CRLF {} JavaScript JSX

Select a Product List from DB.Json file



The image shows a web browser window with the address bar displaying 'localhost:5173'. The browser's sidebar on the left includes a profile icon, navigation arrows, a refresh button, a tab icon, a colorful logo, and a plus sign for additional tabs. The main content area features a light gray card titled 'Product List'. This card contains five text input fields with the following text: 'ES6 Book', 'laptop', 'cloud Azure storage app insight', 'AI Cloud', and 'laptop for Deepika'. Below these fields is a blue button labeled 'Add Product'.

Product List

ES6 Book

laptop

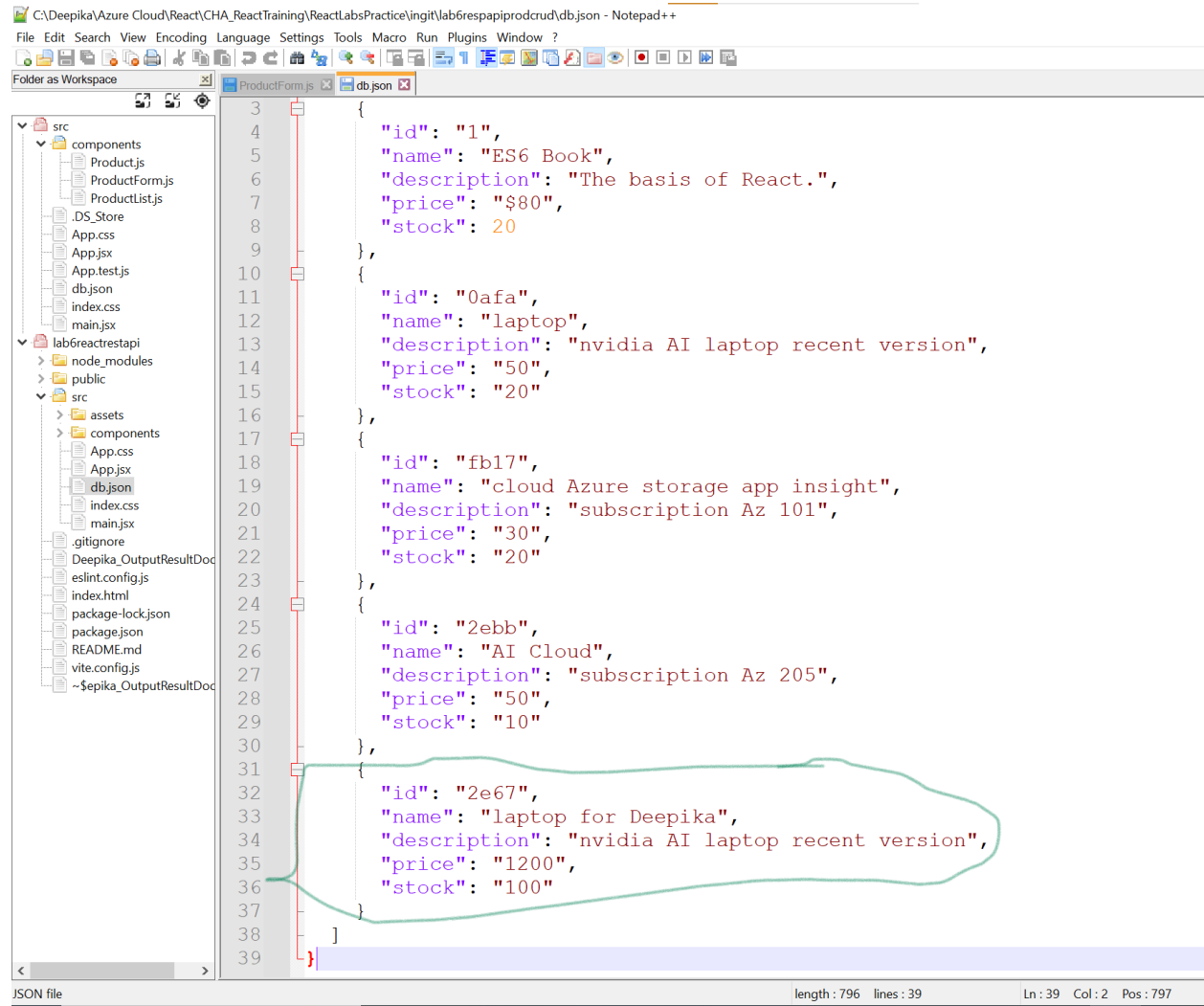
cloud Azure storage app insight

AI Cloud

laptop for Deepika

Add Product

New Product added to DB.Json file



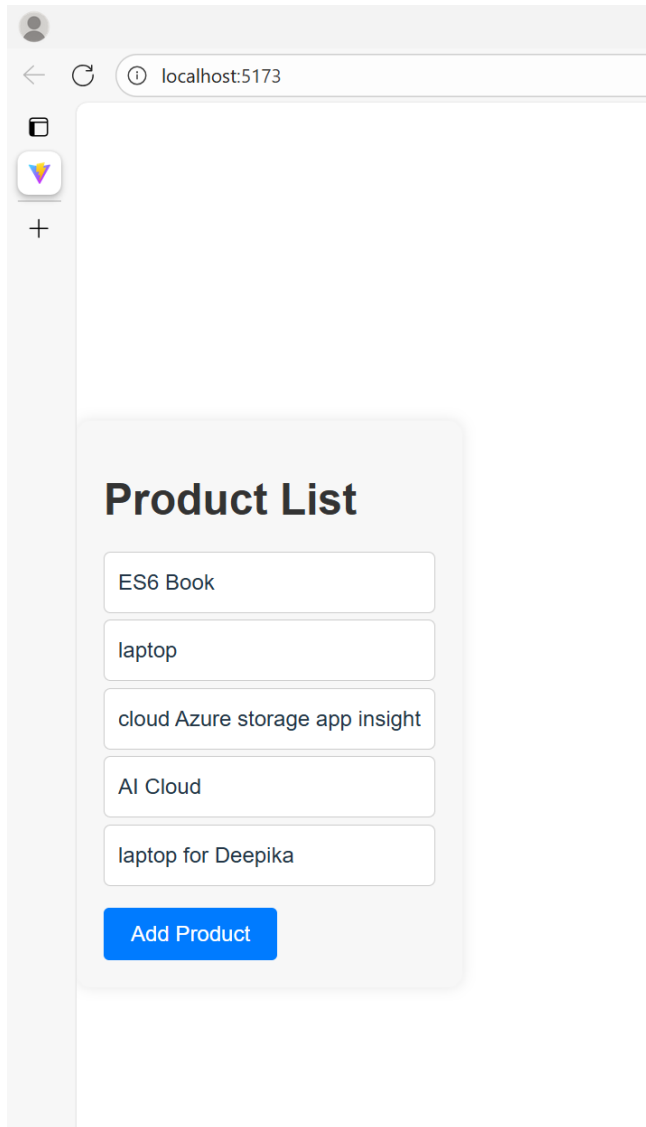
```
3 {
4   "id": "1",
5   "name": "ES6 Book",
6   "description": "The basis of React.",
7   "price": "$80",
8   "stock": 20
9 },
10 {
11   "id": "0afa",
12   "name": "laptop",
13   "description": "nvidia AI laptop recent version",
14   "price": "50",
15   "stock": "20"
16 },
17 {
18   "id": "fb17",
19   "name": "cloud Azure storage app insight",
20   "description": "subscription Az 101",
21   "price": "30",
22   "stock": "20"
23 },
24 {
25   "id": "2ebb",
26   "name": "AI Cloud",
27   "description": "subscription Az 205",
28   "price": "50",
29   "stock": "10"
30 },
31 {
32   "id": "2e67",
33   "name": "laptop for Deepika",
34   "description": "nvidia AI laptop recent version",
35   "price": "1200",
36   "stock": "100"
37 }
38 ]
39 }
```

JSON file length: 796 lines: 39 Ln: 39 Col: 2 Pos: 797

Save

Delete a product:

Before delete



Product List

ES6 Book

laptop

cloud Azure storage app insight

AI Cloud

laptop for Deepika

Add Product

Delete Operation

lab6respapiprodcrud

localhost:5173

Dimensions: Responsive 908 x 452 100% No throttling 'Save-Data': default

Edit Product

Name: cloud Azure storage app insight

Description: subscription Az 101

Price: 30

Stock: subscription Az 101

Save Delete Product Back to Products

After Delete

lab6respapiprodc

localhost:5173

Dimensions: Responsive 908 x 452 100% No throttl

Product List

laptop

AI Cloud

laptop for Deepika

Add Product

Saving (PUT) Operation

