

[Home](#) [Create](#)

Create User

Dharun Nagavel

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Create

[Home](#) [Create](#)

User List

Name: Dharun Nagavel

Email: dharun@gmail.com

[Edit](#) [Delete](#)

```
import { BrowserRouter as Router, Routes, Route, Link, useNavigate, useParams } from "react-router-dom";
import { useEffect, useState } from "react";
import axios from "axios";
```

```
const API = "http://localhost:5000/users";
```

```
// HOME PAGE
```

```
function Home() {
  const [users, setUsers] = useState([]);
  const [loading, setLoading] = useState(false);
```

```
  const fetchUsers = async () => {
    setLoading(true);
    const res = await axios.get(API);
    setUsers(res.data);
    setLoading(false);
  };
```

```
  const deleteUser = async (id) => {
    await axios.delete(`${API}/${id}`);
    fetchUsers();
  };
```

```
  useEffect(() => {
    fetchUsers();
  }, []);
```

```
  return (
    <div>
      <h2>User List</h2>
      {loading && <p>Loading...</p>}
      {users.map(user => (
        <div key={user.id} style={{ border: "1px solid gray", margin: 10, padding: 10 }}>
          <p>Name: {user.name}</p>
          <p>Email: {user.email}</p>
          <Link to={`/edit/${user.id}`}>Edit</Link>
          <button onClick={() => deleteUser(user.id)} style={{ marginLeft: 10 }}>Delete</button>
        </div>
      ))}
    </div>
  );
}
```

```
// CREATE PAGE
```

```
function Create() {
  const navigate = useNavigate();
  const [name, setName] = useState("");
```

```

const [email, setEmail] = useState("");

const handleSubmit = async (e) => {
  e.preventDefault();
  await axios.post(API, { name, email });
  navigate("/");
};

return (
  <div>
    <h2>Create User</h2>
    <form onSubmit={handleSubmit}>
      <input placeholder="Name" onChange={e => setName(e.target.value)} required />
      <br /><br />
      <input placeholder="Email" onChange={e => setEmail(e.target.value)} required />
      <br /><br />
      <button type="submit">Create</button>
    </form>
  </div>
);
}

```

// EDIT PAGE

```

function Edit() {
  const { id } = useParams();
  const navigate = useNavigate();
  const [name, setName] = useState("");
  const [email, setEmail] = useState("");

  useEffect(() => {
    axios.get(`${API}/${id}`).then(res => {
      setName(res.data.name);
      setEmail(res.data.email);
    });
  }, [id]);

  const handleSubmit = async (e) => {
    e.preventDefault();
    await axios.put(`${API}/${id}`, { name, email });
    navigate("/");
  };

  return (
    <div>
      <h2>Edit User</h2>
      <form onSubmit={handleSubmit}>
        <input value={name} onChange={e => setName(e.target.value)} required />
        <br /><br />
        <input value={email} onChange={e => setEmail(e.target.value)} required />
      </form>
    </div>
  );
}

```

```

        <br /><br />
        <button type="submit">Update</button>
    </form>
</div>
);
}

// MAIN APP
function App() {
    return (
        <Router>
            <nav style={{ background: "#333", padding: 10 }}>
                <Link to="/" style={{ color: "white", marginRight: 10 }}>Home</Link>
                <Link to="/create" style={{ color: "white" }}>Create</Link>
            </nav>

            <div style={{ padding: 20 }}>
                <Routes>
                    <Route path="/" element={<Home />} />
                    <Route path="/create" element={<Create />} />
                    <Route path="/edit/:id" element={<Edit />} />
                </Routes>
            </div>
        </Router>
    );
}

export default App;

```