

Home.js

```
import { useState, useEffect } from "react";
import axios from "axios";
import NavBar from "./NavBar";
import { useNavigate } from "react-router-dom";

export default function Home()
{
    const [info, setInfo] = useState([]);

    useEffect( () => {
        let url = "http://localhost:9000/get";
        axios.get(url)
        .then(res => setInfo(res.data))
        .catch(err => alert("issue " + err));

    }, []);

    const delStu = (rno) => {
        let url = "http://localhost:9000/remove";
        let data = {data:{rno}};
        axios.delete(url, data)
        .then(res => {
            alert("record deleted");
            window.location.reload();
        })
        .catch(err => alert("issue " + err));
    };

    const nav = useNavigate();
    const updateStu = (rno, name, marks) =>{
        nav("/update", {state:{rno, name, marks}});
    }

    return(
        <>
        <center>
        <NavBar/>
        <h1> Home Page </h1>

        <table border="5" style={{width:"70%"}}>
            <tr>
                <th> Rno </th>
                <th> Name </th>
                <th> Marks </th>
                <th> Delete </th>
                <th> Update </th>
            </tr>
            {
```



```

info.map( (e) => (
  <tr style={{ "text-align": "center" }}>
    <td> { e._id } </td>
    <td> { e.name } </td>
    <td> { e.marks } </td>
    <td> <button onClick= { () => {
      if (window.confirm('r u sure ???')) delStu(e._id)
    }}> Delete </button> </td>

    <td>    <button
onClick = { () => { updateStu(e._id, e.name, e.marks); }} >
      Update </button> </td>
  </tr>

))

}
</table>
</center>
</>
);
}

```


Update.js

```
import NavBar from "../NavBar";
import { useState, useEffect } from "react";
import { useLocation, useNavigate } from "react-router-dom";
import axios from "axios";

export default function Update()
{
    const [rno, setRno] = useState("");
    const [name, setName] = useState("");
    const [marks, setMarks] = useState("");

    const hRno = (event) => { setRno(event.target.value); }
    const hName = (event) => { setName(event.target.value); }
    const hMarks = (event) => { setMarks(event.target.value); }

    const loc = useLocation();
    const nav = useNavigate();

    useEffect( ()=> {
        setRno(loc.state.rno);
        setName(loc.state.name);
        setMarks(loc.state.marks);
    }, []);

    const save = (event) => {
        event.preventDefault();
        let data = {rno, name, marks};
        let url = "http://localhost:9000/modify";
        axios.put(url, data)
        .then(res => {
            alert("record updated");
            nav("/");
        })
        .catch(err => alert("issue " + err));
    }

    return(
        <>
        <center>
            <NavBar/>
            <h1> Update Page </h1>
            <form onSubmit={save}>
            <input type="number" placeholder="enter rno "
            onChange={hRno} value={rno} disabled={true}/>
            <br/><br/>
            <input type="text" placeholder="enter name "
            onChange={hName} value={name}/>
        </center>
    )
}
```



```
        <br/><br/>
        <input type="number" placeholder="enter marks "
        onChange={hMarks} value={marks} />
        <br/><br/>
        <input type="submit" value="Update" />
        <br/><br/>
    </form>
</center>
</>
);
}
```

index.js

```
:

app.put("/modify", (req, res) => {
  const url = "mongodb://0.0.0.0:27017";
  const client = new MongoClient(url);
  const db = client.db("sms17april24");
  const coll = db.collection("student");
  coll.updateOne({"_id":req.body.rno}, {"$set" : { "name":req.body.name, "marks":req.body.marks}})
  .then(result => res.send(result))
  .catch(error => res.send(error));
})

:
```