[Practical-9]

Create Dynamic Table in React

- 1. Create a UI for add New Record
- 2. Display the records already stored in the Application
- 3. Add new Records in the Table to make it dynamic
- 4. Use React Bootstrap for the UI

Instructions:

- Write code of all files with the Heading in the Implementation section.
- Perform all the above activities.
- Add screenshots of your running React App Output.
- Follow the instructions properly to get the marks.

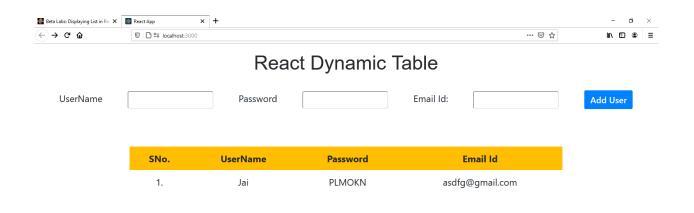
Implementation:

```
DynamicTable.js
import React, { useState } from 'react';
import ".../node_modules/bootstrap/dist/css/bootstrap.css";
import Button from 'react-bootstrap/Button'; import './DynamicTable.css';
import {Table} from 'react-bootstrap';
function DTable() {
    var [sno, addSno] = useState(2);
    var [user, addUser] = useState("");
    var [pass, addPass] = useState("");
    var [email, addEmail] = useState("");
    var [rows, setRow] = useState("");
```

```
1.
           Jai
           PLMOKN
           asdfg@gmail.com
      );
function add(e) {
           if(user==="" || pass==="" || email==="")
                 { alert("Invalid input");
                 return; }
      setRow(
           <React.Fragment>
                 {rows} 
                             {sno}.
                             {user}
                             {pass}
                             {email}
                       </React.Fragment>)
           addSno(sno + 1);
           addUser("");
           addPass("");
           addEmail("");
}
return(
```

```
<h1>React Dynamic Table</h1>
<div id="add">
      <label htmlFor="">UserName</label>
      <input type="text" value={user} onChange={(e) =>
      addUser(e.target.value)}></input>
      <label htmlFor="">Password</label>
      <input type="password" value={pass} onChange={(e) =>
      addPass(e.target.value)}></input>
      <label htmlFor="">Email Id:</label>
      <input type="mail" value={email} onChange={(e) =>
      addEmail(e.target.value)}></input>
      <Button variant="primary" size="xxl" type="button"
      onClick={add}>Add User</Button>
</div>
<div className="container mt-3">
      <Table borderless responsive>
             <thead>
                   SNo.
                          UserName
                          Password
                          Email Id
                   </thead>
             {rows}
      </Table>
```

```
</div>
                </>)
}
export default DTable;
DynamicTable.css
.btn-primary { color: rgb(255, 255, 255); }
.btn-primary:hover { color: black; background-color: rgb(0, 17, 255); }
.btn-xxl { padding: .4rem .9rem; font-size: 1.4rem; font-weight: 550; }
#add{ display: flex; justify-content: space-evenly; align-items: center; }
label { font-size: x-large; }
input { border-radius: 5px; height: 45px; width: 220px; outline: none; }
h1 { text-align: center; font-weight: 500; font-family: Arial, Helvetica, sans-serif; font-size: 50px;
margin: 20px 0 40px 0; }
Table { margin-top: 80px; }
Table thead { background-color: rgb(255, 187, 0); text-align: center; }
td { text-align: center; font-size: x-large; font-weight: 500; }
th { text-align: center; font-size: x-large; font-weight: 700; }
App.js
import './App.css'; import React from 'react';
import DTable from './DynamicTable';
function App() { return ( <> <DTable/> </>> ) }
export default App;
```





React Dynamic Table



SNo.	UserName	Password	Email Id
1.	Jai	PLMOKN	asdfg@gmail.com
2.	Hardik	passWord	pandya@gmail.com
3.	Rohit	Hitman	sharmaji@hotmail.com
4.	Virat Kohli	TheRunMachine	captain@icloud.com





SNo.	UserName	Password	Email Id
1.	Jai	PLMOKN	asdfg@gmail.com
2.	Hardik	passWord	pandya@gmail.com
3.	Rohit	Hitman	sharmaji@hotmail.com
4.	Virat Kohli	TheRunMachine	captain@icloud.com

