

Dear Sir/Madam,

I have done your given task what I have understood in my sense. I am fresher with knowledge of React.js, Vue.js, Spring MVC. So consider everything as a Fresher work.

Hope this will satisfy you.

**Setup:** Just download the from Github\_ and open the project in vs code

**Data:** In vs code, in folder public, there is a file named data.json. Here all data is stored. API takes all data from it.

**Pages:**

**Home Page:** After opening the home page will come to a login card. Email and Password field must some data otherwise there will be a warning of required data. After successful login device type will be come. If you fail to log in, then I provide the option login a guest. This is just for you, not an industrial project.

**Device Type page:** After login device type page will come (API/devicetype route). Here there are some medical device types in Card view( Card component is in Component folder). When you add data in devicetype in data.json then the card view is automatically added to this page. There is a button Of Add device. You can just add a new device on the click it. When you click it, a form will come to add new data.

**Card review:** On this page the card is mouseon and mouseout listener is added. When the mouse is on the card, the card will show such a design so that it can be clickable. After clicking any card the Model type of this devicetype will appear (/API/modeltype route

**ModelType page:** On this page, there is a table of different Models of the medical device of Selected device type. This table is onclick listenable. After the click, a row, Model data page will come. If you add data in data.json, table row will be increased automatically.

**Model Data Page:** On this page, There is a just description of the selected medical device.

System: Full code is written in Typescript. All design is done by own. Data passing one page to another page are doing by the route. Data getting and posting are done by Axios.

Conclusion: CSS design is simply done. But I know better design than it. Hope, all mistakes will be condonation.

Best regards

Ashiqur Rahman

Graduated in Computer Science and Engineering

Email: [ashiqurrahman997@gmail.com](mailto:ashiqurrahman997@gmail.com)

Phon:+8801790124485