**Commands to create and start react app**

* Open terminal
* cd (folder name in which you want to create react app) e.g cd client
* npx create-react-app my-app( name of project) .
* cd (name of project)
* npm start

**To insall router libraray we use this command**

* npm install react-router-dom
* npm start

route is used to make single application page , to load more fast , i.e home , login , register .

when add **Routes** and **Route** we also have to import it , same goes for the **Link** , and one more we also have to put our <app/> in **BrowserRouter** in index.js file and import it also

these also a initial setup

**express**

to connect api with login and register , we have to make a new file and on terminal we have to get in api folder and we have to install **express** using ( **npm install express )** and then put the format in file ,

then install (**nodemon** ) using command **(npm install -g nodemon** ) it will install globally

**nodemon** is basically used for real time server reload , when ever you make change in code it will load it automatically

theres also a initial setup for express

to start server use (nodemon index.js)

then start your app

**cors download**

we also have to install cros using command (**npm install cors)** and also have to setup in express file .

we also use hook called **useState** this hook also import from react , and mainly used for authentication ,

we also use **bcrypt** in this project to encrypt data , to insall use (npm install bcrypt)

we also use **jsonwebtoken** in this project for more security , for this we use (npm install jsonwebtoken) , in api terminal ,

we also use useEffect to create token in network and get this and make it id for every user , so every user can have there different portal

we also install react quill (npm install react-quill) for the text section in form