

## Assignment-6

### Connect login page with backend API

#### login.js

```
import React,{useState} from 'react';
import {Form,Button,Container} from 'react-bootstrap';
import '../node_modules/bootstrap/dist/css/bootstrap.min.css';
import Navbar from '../Components/Navbar';
import Cookies from 'universal-cookie';

const cookies=new Cookies();

const styles={
  heading1:{
    color:"blue"
  }
}

function Login() {

  const [enteredPassword,setPassword]= useState('');
  const [enteredMobile,setMobile]=useState('');

  const passwordChangeHandler =(event)=>{
    setPassword(event.target.value);
  }
  const mobileChangeHandler = (event) =>{
    setMobile(event.target.value);
  }

  const loginHandler= (event) => {
    event.preventDefault();

    //reset values
    setPassword('');
    setMobile('');
    console.log(enteredMobile,enteredPassword);
    fetch('http://127.0.0.1:2000/verifylogin?'+ 'username='+enteredMobile+'
&password='+enteredPassword)
    .then(
      (response) => (response.json())
    ).then((response)=>{
      if(response.status=== 'success'){
        cookies.set('username',enteredMobile);
        document.getElementById('res').innerHTML='credntials are
correct';

        document.getElementById('err').innerHTML='';
        window.location.replace('/dashboard');
```

```

        } else if(response.status==='failure'){
            document.getElementById('err').innerHTML='Credentials are
incorrect';
            document.getElementById('res').innerHTML='';
        }

    });
}
return(
    <div>
        <Navbar/>
        <Container className='col-sm-3'>
            <h1 style={styles.heading1}>Login Form </h1> <br />

            <Form onSubmit={loginHandler}>
                <Form.Group>
                    <Form.Label>Mobile</Form.Label>
                    <Form.Control type="text" value={enteredMobile}
onChange={mobileChangeHandler} placeholder='enter Mobile' required/>
                </Form.Group><br/>

                <Form.Group>
                    <Form.Label>Password</Form.Label>
                    <Form.Control type="password" value={enteredPassword}
onChange={passwordChangeHandler} placeholder='enter password' required/>
                </Form.Group><br/>

                <Button type='submit'>Login</Button>
            </Form>

            <span style={{color:"red"}} id="err" ></span>
            <span style={{color:"green"}}id="res"></span>

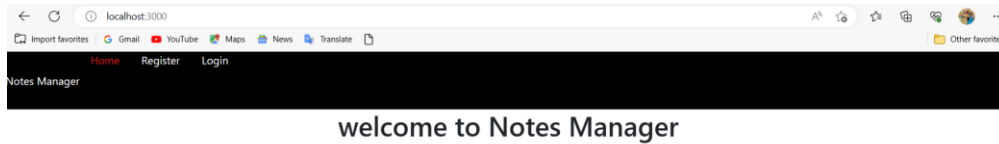
        </Container>

    </div>
);
}

export default Login;

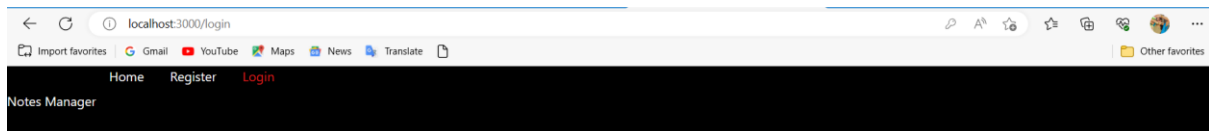
```

Run the server by the command “**npm start**”



By default it will display the “Home “ page

Click on the login page ,it will display the login page



### Login Form

Mobile

Password

Login

Enter the details it will display on the backend

```
}
valid details
{
  _id: new ObjectId("648c2d1a92b2527c8b9cc4f1"),
  name: 'Ammu',
  email: 'abc1234@gmail.com',
  mobile: '1234567800',
  password: 'abc123',
  org: 'ms'
}
```

Now we have to connect the login frontend page to backend API

For that ,we use fetch method

```
fetch('http://127.0.0.1:2000/verifylogin?'+ 'username='+enteredMobile+'&password='+enteredPassword)
```

now run the backend api in one terminal

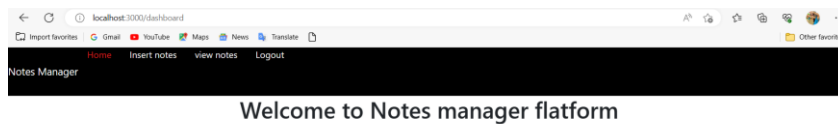
-----→ “ node api.js”

After that run the front end in another terminal

-----→ “npm start”

Enter the details and click on login button

If the details are valid it display the dashboard page



If the details are invalid it displays “credentials are incorrect”.

