

## Assignment-11

### Connect viewnotes page with the backend API

Create another file in the “pages” folder as “viewnotes.js”

#### viewnotes.js

```
import React,{useState,useEffect} from 'react'; //useeffect--getting the
data from the api
import DashboardNavbar from '../Components/DashboardNavbar';
import Cookies from 'universal-cookie';

const cookies =new Cookies();

function Viewnotes() {
  const [notes,setNotes]=useState([]);
  useEffect(() =>{
    const fetchdata = async () =>{
      const response=await
fetch('http://127.0.0.1:2000/viewusernotes?username='+cookies.get('username'))
;
      const data=await response.json(); //wait until the data is stored
in json format
      setNotes(data['status']); //storing the data in the status
    }

    fetchdata();
  },[]); //initial value is []
  return (
    <div>
      <DashboardNavbar/>
      <div className='container col-sm-6'><br/>
        <h1 style={{color:"blue"}}>View notes</h1>
        <table className='table table-bordered'>
          <thead>
            <tr>
              <th>S.no</th>
              <th>Notes</th>
              <th>Owner</th>
            </tr>
          </thead>
          <tbody>
            {
              //note is nothng but what we have inserted ,key is
nothing but index
              notes.map((note,key) =>
                <tr key={key}>
                  <td className='table-data'>{key}</td>
```

```

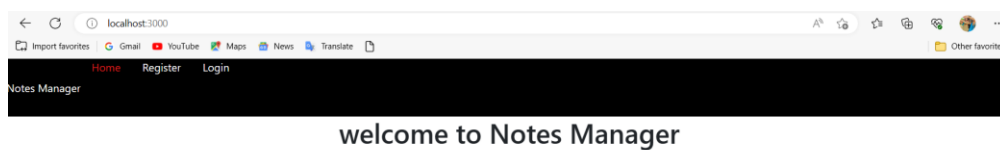
                                <td className='table-
data'>{note.notes}</td>
                                <td className='table-
data'>{note.owner}</td>
                                </tr>
                                )
                                }

                                </tbody>
                                </table>
                                </div>
                                </div>
                                );
                                }

export default Viewnotes;

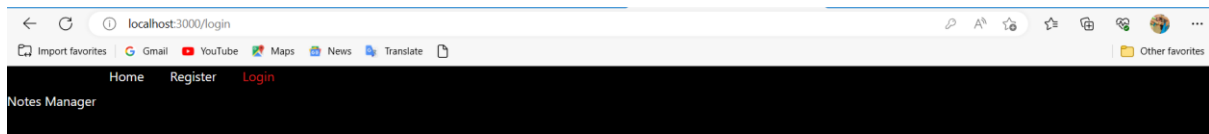
```

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

1234567890

Password

\*\*\*\*\*

Login

now run the backend api in one terminal

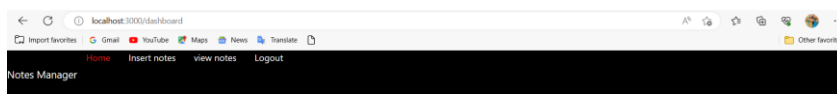
-----→ “ node api.js”

After that run the front end in another terminal

-----→ “npm start”

Enter the details and click on login button

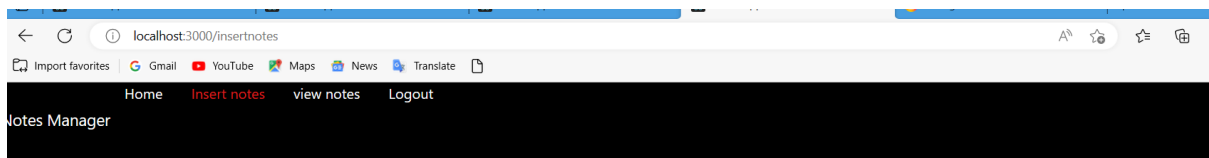
If the details are valid it display the dashboard page



Welcome to Notes manager platform

Go to the insertnotes page.Enter the notes and click on insert button

It displays that “notes inserted successfully”



## insert notes

Notes:

Enter Notes

Insert notes

Notes inserted Successfully

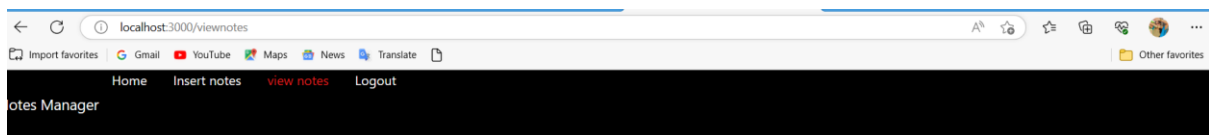
To connect the frontend viewnotes page with the backend api

We use the fetch method

```
fetch('http://127.0.0.1:2000/viewusernotes?username='+cookies.get('username'))  
;
```

Now open the “viewnotes” page

We can see the notes and owner of the notes



## View notes

S.no	Notes	Owner
0	Hello ,good morning!!!	1234567890
1	Hiiiiiiiiii	1234567890

