

Assignment-9

Connect insertnotes page with the backend API

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

insertnotes.js

```
import React,{useState} from 'react';
import DashboardNavbar from '../Components/DashboardNavbar';
import {Form,Button,Container} from 'react-bootstrap';
import Cookies from 'universal-cookie';

const cookies=new Cookies();

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

function Insertnotes(){
  const [enteredNotes,setNotes]=useState('');

  const notesChangeHandler= (event) =>{
    setNotes(event.target.value);
  }

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

    //reset the value of notes
    setNotes('');

    fetch('http://127.0.0.1:2000/insertnotes?'+ 'notes='+enteredNotes+'&owner='+cookies.get('username'))
    .then(
      (response) => (response.json())
    ).then((response) =>{
      if(response.status==='success')
      {
        document.getElementById('res').innerHTML='Notes inserted Successfully';
        document.getElementById('err').innerHTML='';
      }else
      {
        document.getElementById('err').innerHTML='Notes Failure';
        document.getElementById('res').innerHTML='';
      }
    });
  }
}
```

```

    }
    return (
      <div>
        <DashboardNavbar/>
        <Container className='col-sm-3'>
          <h1 style={styles.heading1}>insert notes</h1><br/>
          <Form onSubmit={handleSubmit}>

            <Form.Group>
              <Form.Label>Notes:</Form.Label>
              <Form.Control as="textarea" value={enteredNotes}
onChange={notesChangeHandler} cols={1000} rows={4} type="text"
placeholder='Enter Notes'></Form.Control>
            </Form.Group> <br></br>

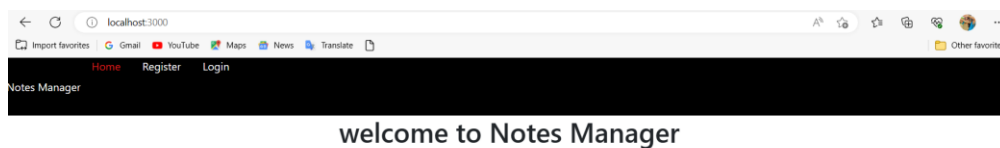
            <Button type="submit">Insert notes</Button>
          </Form>
          <span style={{color:"red"}} id="err" ></span>
          <span style={{color:"green"}}id="res"></span>
        </Container>

      </div>
    )
  }
}

export default Insertnotes;

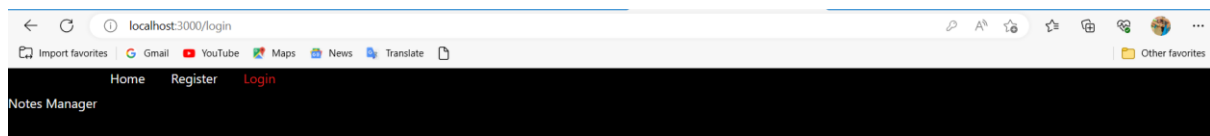
```

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

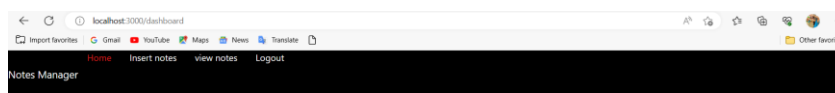
-----→ “ node api.js”

After that run the front end in another terminal

-----→ “npm start”

Enter the details and click on login button

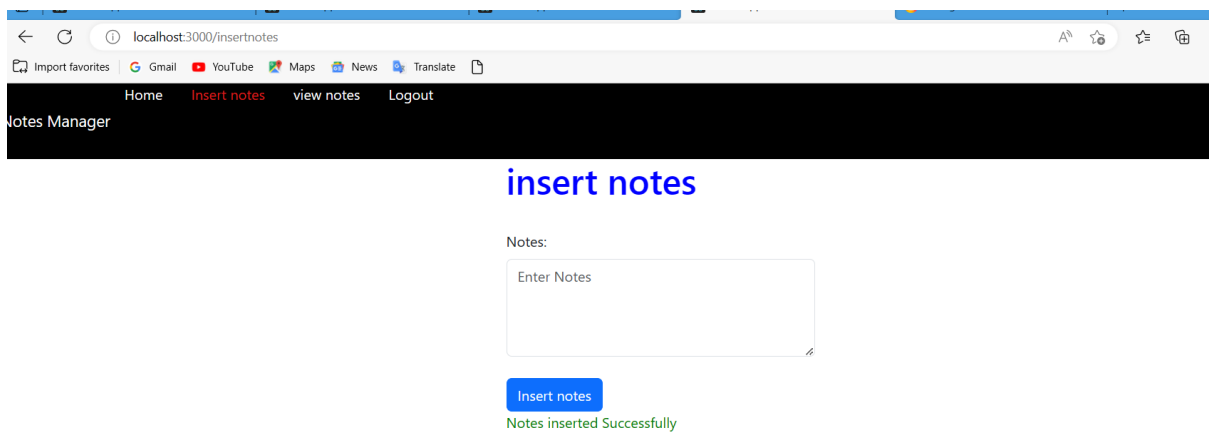
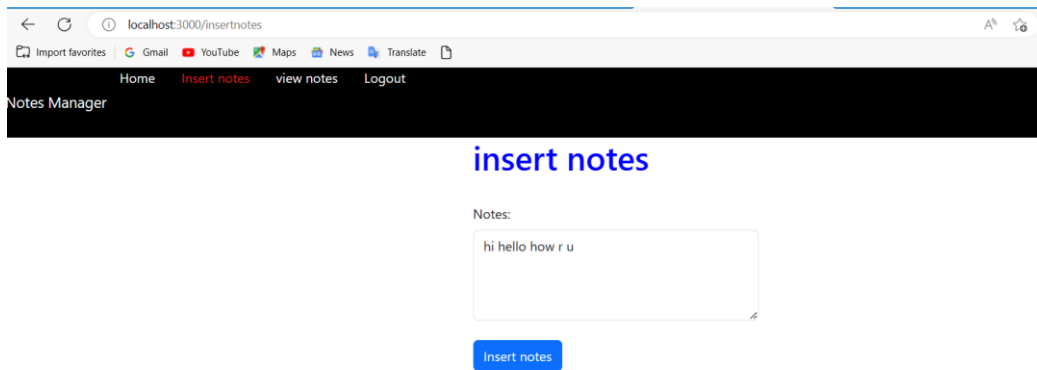
If the details are valid it display the dashboard page



Welcome to Notes manager flatform

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

It displays that “notes inserted successfully”



To connect the frontend insertnotes page with the backend api

We use the fetch method

```
fetch('http://127.0.0.1:2000/insertnotes?'+'notes='+enteredNotes+'&owner='+cookies.get('username'))
```

now the inserted notes data is stored in the backend .

```
hi hello how r u 1234567890
connected with mongodb server
{
  acknowledged: true,
  insertedId: new ObjectId("648c348892b2527c8b9cc4f2")
}
```

In the mongodb server

```
> db.expressnotes.find();
{ "_id" : ObjectId("648c0e2b92b2527c8b9cc4f0"), "notes" : "Hellooooo ", "owner" : "1234567890" }
{ "_id" : ObjectId("648c348892b2527c8b9cc4f2"), "notes" : "hi hello how r u", "owner" : "1234567890" }
>
```

