

DOCUMENTATION OF THE TASK GIVEN

Step 1

Install the required node modules

Command

npm install

Step 2

after installing the required modules , start the server

command

node index.js

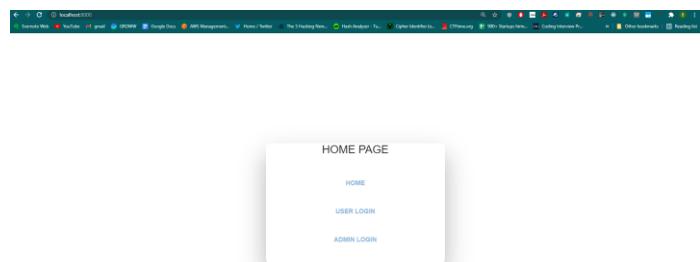
Step 3

Create the required database using mongoDB , given in the end

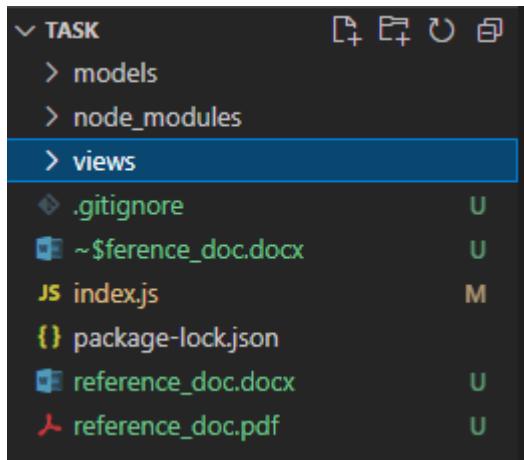
Step 4

Open any web browser

Navigate to localhost:8000

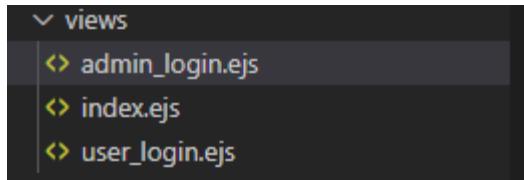


Folder structure



Index.js → main index node js with all logic

Views has 3 pages

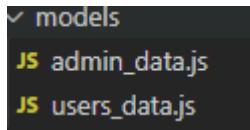


Index.ejs → Home page

Admin_login.ejs → login for admin page

User_login.ejs → login for normal users

Models has 2 schemas



Admin_data → schema for admin

Users_data → schema for normal users

HOME PAGE

HOME PAGE

[HOME](#)

[USER LOGIN](#)

[ADMIN LOGIN](#)

ADMIN LOGIN

<http://localhost:8000/admin>

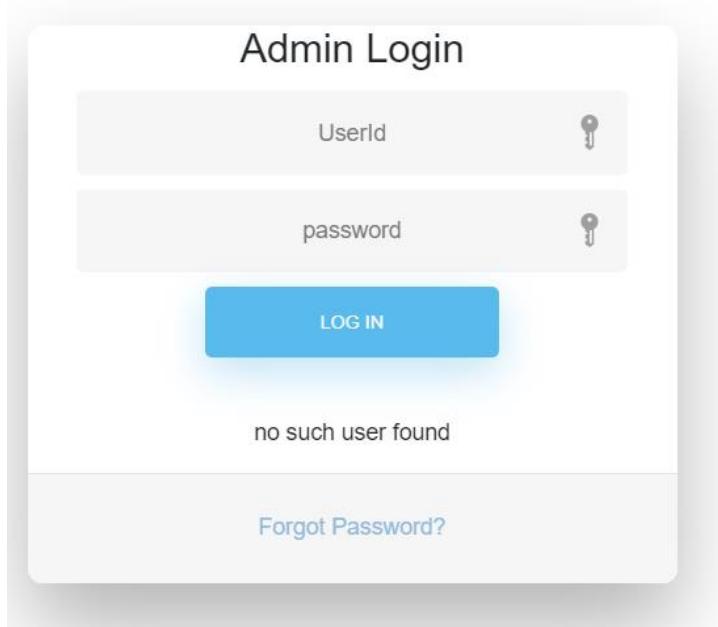
Admin Login

LOG IN

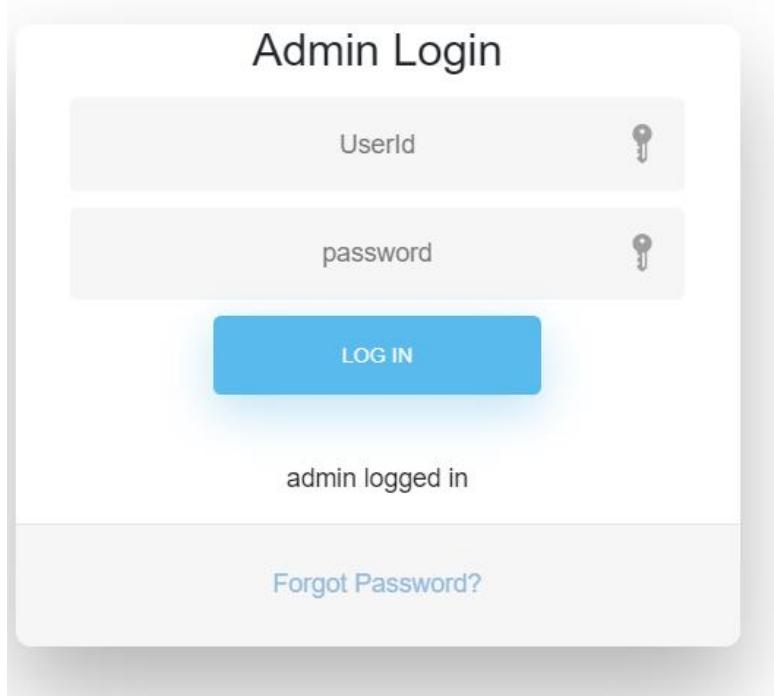
[Forgot Password?](#)

Enter the required userId and password

If such user does not exist in database



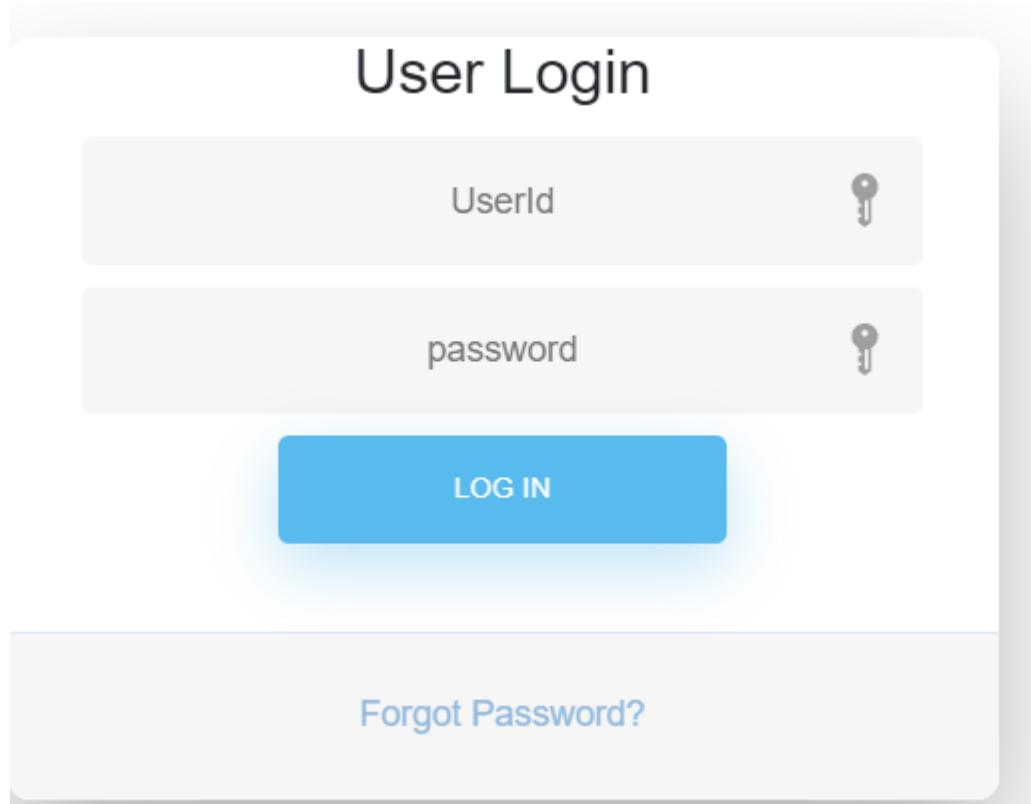
If user found



After the user has logged in we can redirect to the required page, but for now only a message is shown if the user has successfully logged in or not

Similarly done for users login

<http://localhost:8000/user>

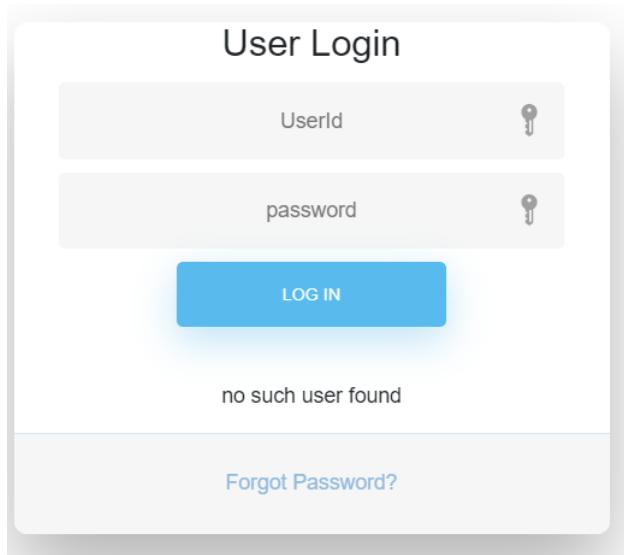


A screenshot of a user login interface. At the top center, the text "User Login" is displayed. Below it are two input fields: the first for "UserId" with a key icon, and the second for "password" with a key icon. A large blue button labeled "LOG IN" is positioned below the password field. At the bottom left of the main form area, there is a link "Forgot Password?".

Enter username and password

If no such user found

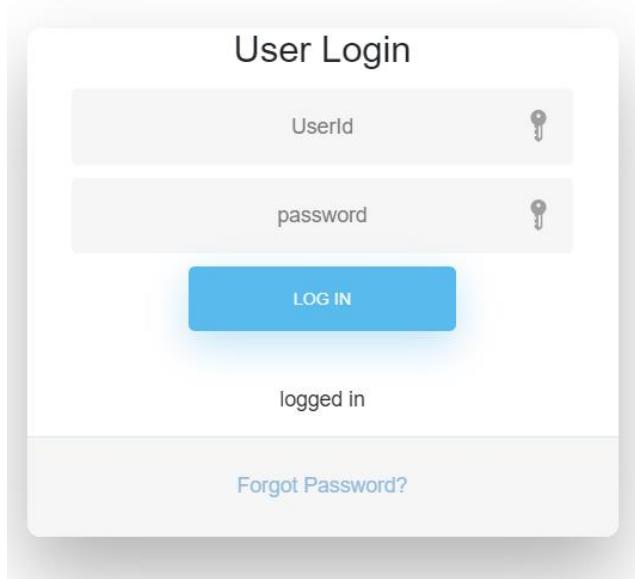
User Login



This image shows a user login interface. It features two input fields: 'UserId' and 'password', each accompanied by a key icon indicating they are password fields. Below these fields is a blue 'LOG IN' button. Underneath the input fields, the text 'no such user found' is displayed. At the bottom of the form, there is a link 'Forgot Password?'

If user found

User Login



This image shows the same user login interface as the previous one. It includes the 'UserId' and 'password' fields with key icons, the 'LOG IN' button, and the 'Forgot Password?' link. However, the message 'logged in' is displayed below the input fields, indicating a successful login attempt.

After the user has logged in we can redirect to the required page, but for now only a message is shown if the user has successfully logged in or not

DATABASE (made using mongoDB , connected locally)

The screenshot shows the MongoDB Compass interface. At the top, there is a table with the following data:

| Collection Name | Documents | Avg. Document Size | Total Document Size | Num. Indexes | Total Index Size | Properties |
|-----------------|-----------|--------------------|---------------------|--------------|------------------|------------|
| admin_users | 1 | 59.0 B | 59.0 B | 1 | 20.0 KB | |
| users | 1 | 56.0 B | 56.0 B | 1 | 20.0 KB | |

Below the table, the database structure is shown under the 'task' database:

- admin_users
- users

Admin_users db

The screenshot shows the 'task.admin_users' collection in the 'Admin_users' database. The interface includes tabs for 'Documents', 'Aggregations', 'Schema', 'Explain Plan', 'Indexes', and 'Validation'. The 'Documents' tab is selected.

task.admin_users

Documents

ADD DATA

_id: ObjectId("613475f7b125d6897aedfica")
userId: "bhavin"
password: "123"

Users db

The screenshot shows the 'task.users' collection in the 'Users' database. The interface includes tabs for 'Documents', 'Aggregations', 'Schema', 'Explain Plan', 'Indexes', and 'Validation'. The 'Documents' tab is selected.

task.users

Documents

ADD DATA

_id: ObjectId("61348263b125d6897aedf1cd")
userId: "bha"
password: "123"

Passwords can be hashed and stored in later stages of the project