



CST 2120

Web Applications and Databases

**Coursework 2 - Social Networking Front-End
and Basic Web Service documentation**

**Autumn/Winter term
2023/2024**

Date of Submission: February 25, 2024

Student Name: Darshan Goburdhone
Student ID Number: M00919790

Tutor: Mrinal Sharma

Table of Contents

Cover Page.....	1
Table of Contents.....	2
Table of Figures.....	3
1.0 Running instructions.....	4
2.0 Website screenshots.....	4
3.0 Basic web service screenshots.....	10

Table of Figures

Figure 1: Home Page.....	4
Figure 2.1: Movie Page.....	5
Figure 2.2: Movie Page + Reviews.....	5
Figure 3: Leave Review Dialog.....	6
Figure 4: User Profile Page.....	6
Figure 5: Search Page.....	7
Figure 6: Forum Page.....	7
Figure 7: Create New Discussion Thread Dialog.....	8
Figure 8: Comment on Thread Dialog.....	8
Figure 9: Login Page.....	9
Figure 10: Sign Up Page.....	9
Figure 11: Post student details in JSON format to MongoDB Atlas using Postman.....	10
Figure 12: Get student details in JSON from MongoDB Atlas using Postman.....	10
Figure 13: Student details stored in MongoDB Atlas in JSON format in database cst2120 and collection signup.....	11

1.0 Running Instructions

It should be noted that just opening the index.html file will give a blank website with zero content.

- To properly open the website, open server.js and run it using **node server.js**
- Then go to <http://localhost:8080/M00919790/> and all the webpages will be displayed accordingly.

2.0 Website screenshots



Figure 1: Home Page

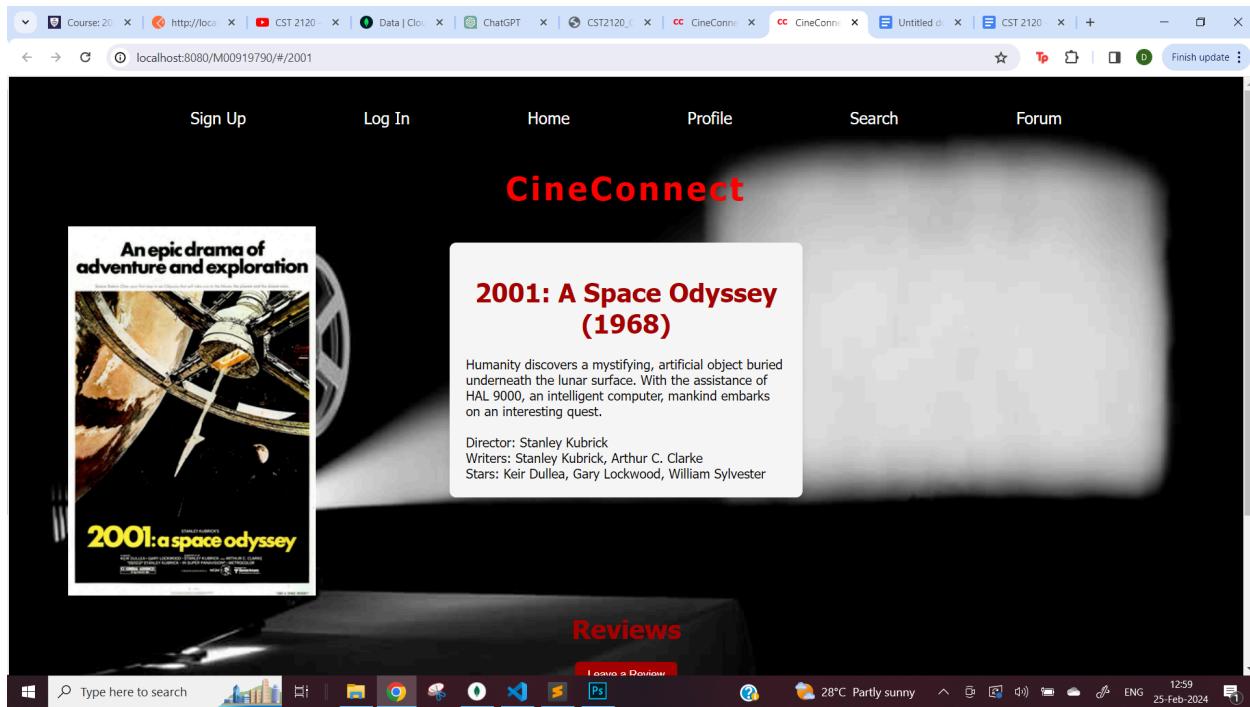


Figure 2.1: Movie Page

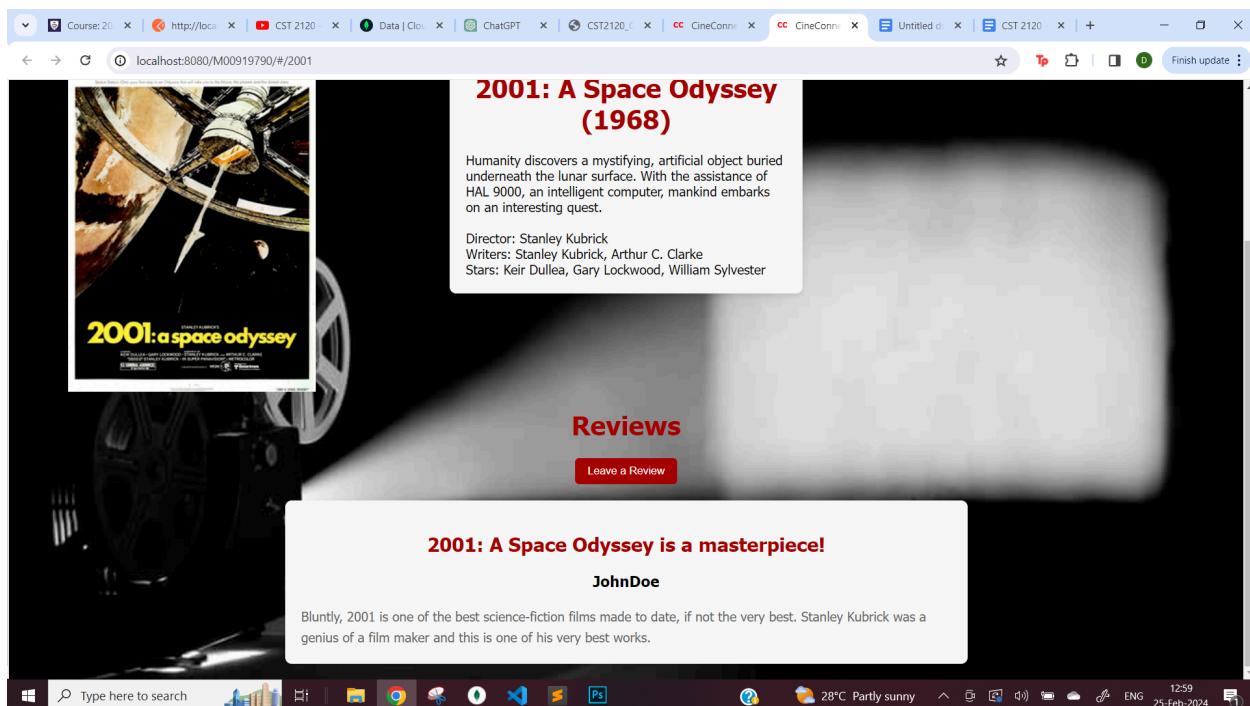


Figure 2.2: Movie Page + Reviews

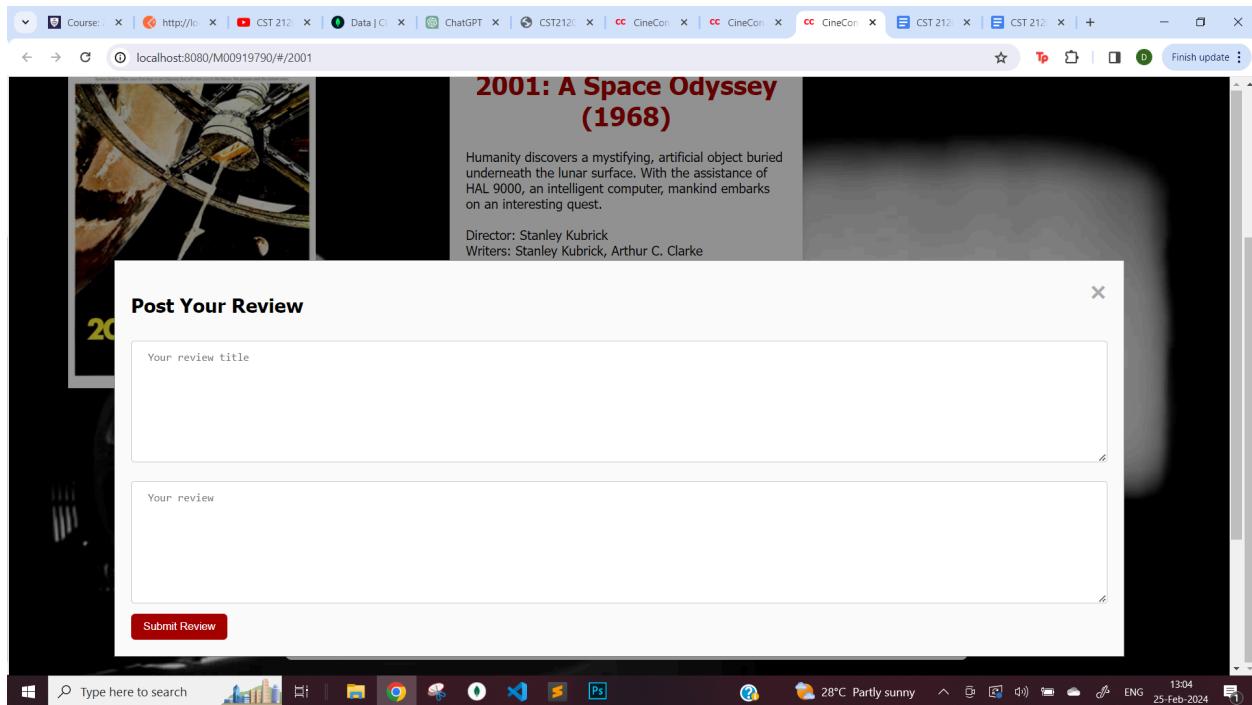


Figure 3: Leave Review Dialog

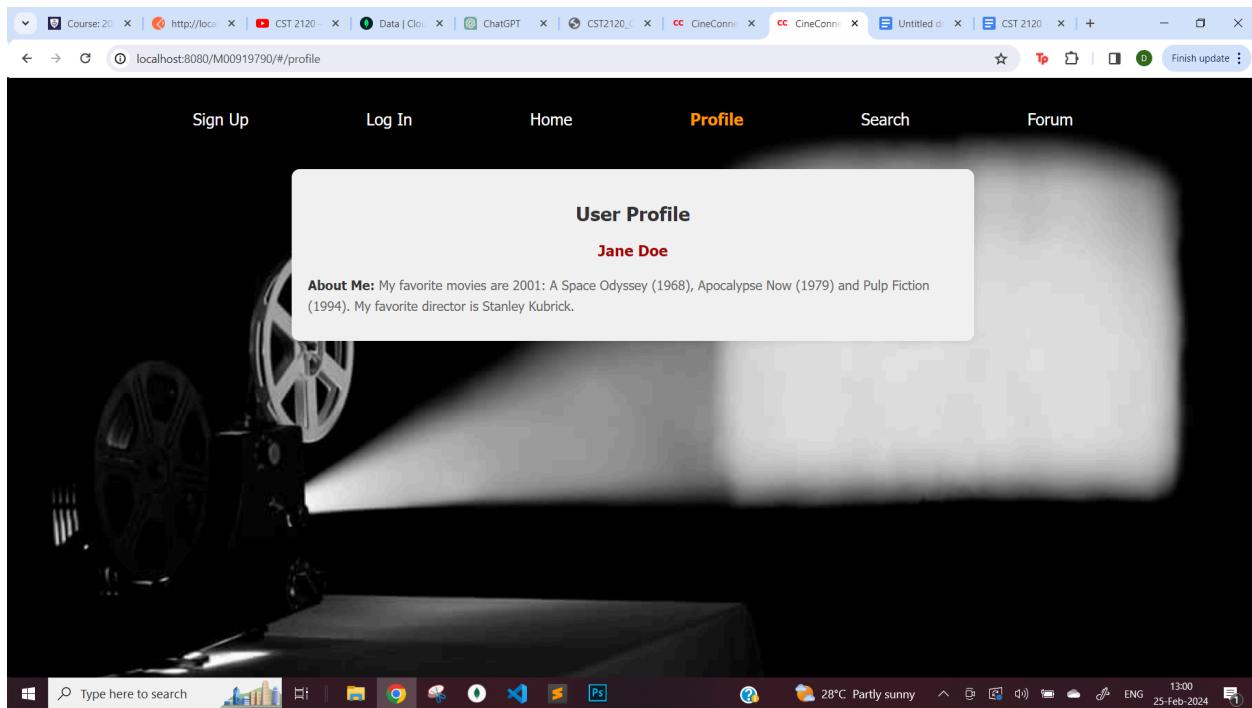


Figure 4: User Profile Page

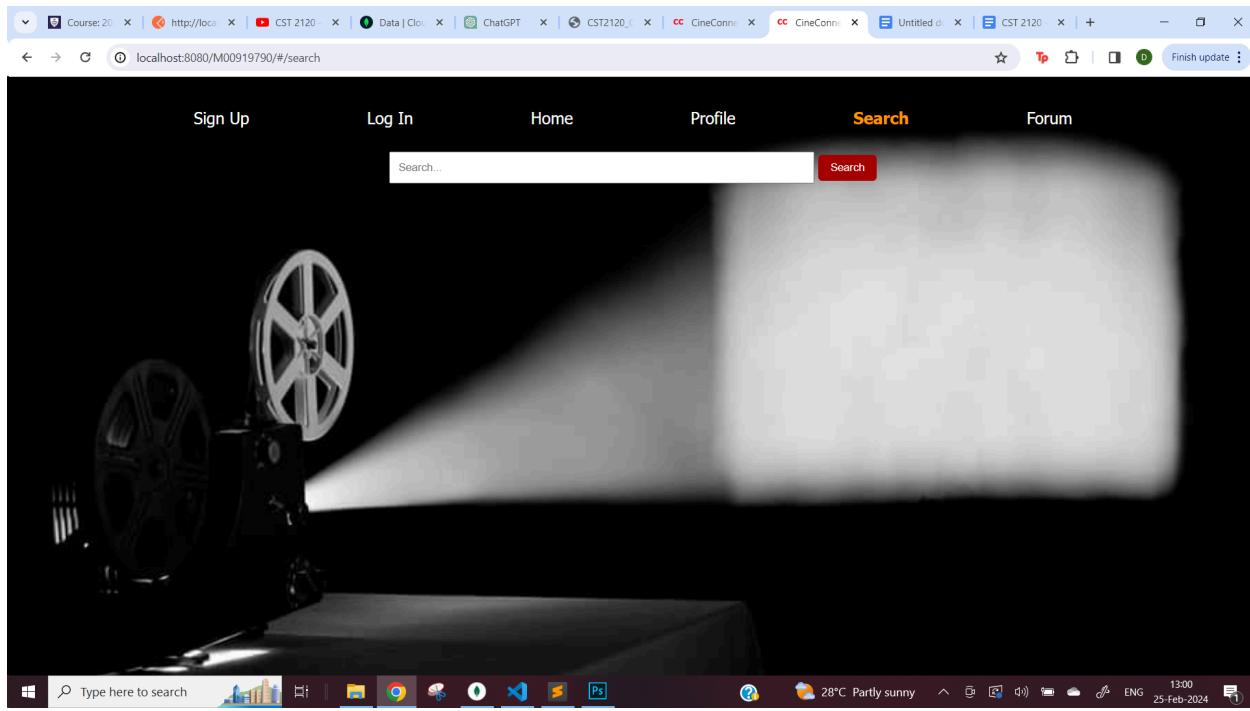


Figure 5: Search Page

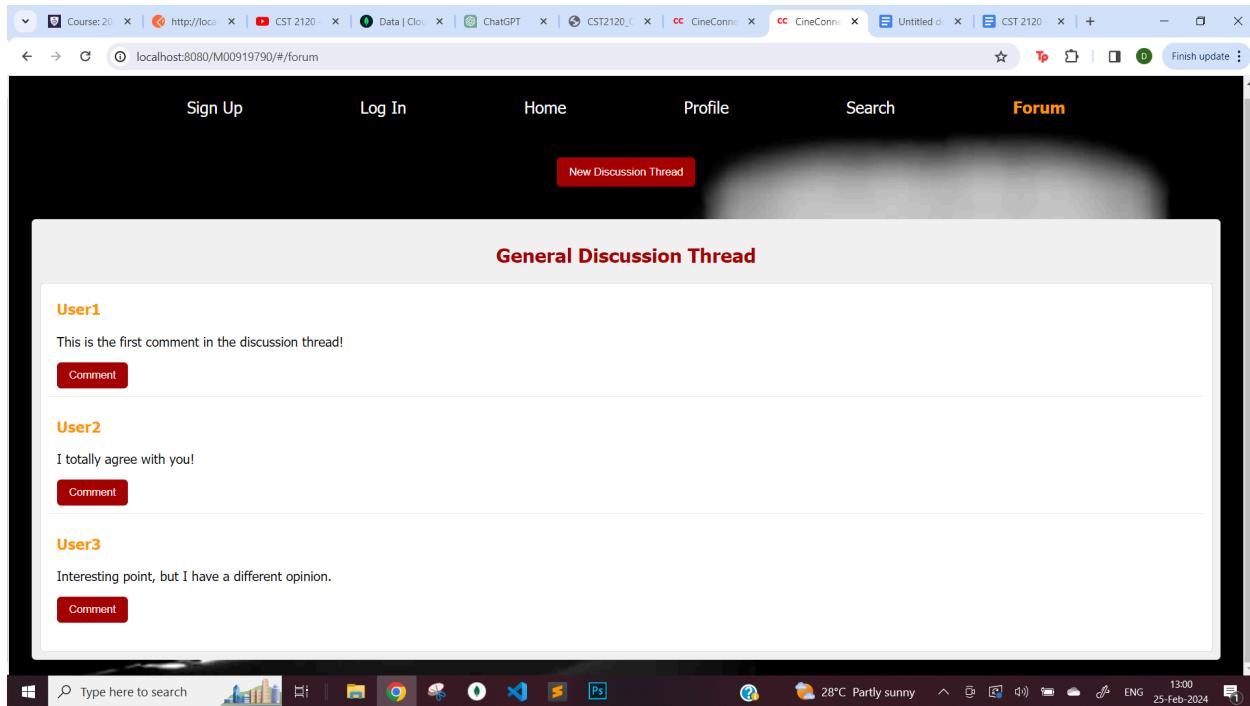


Figure 6: Forum Page

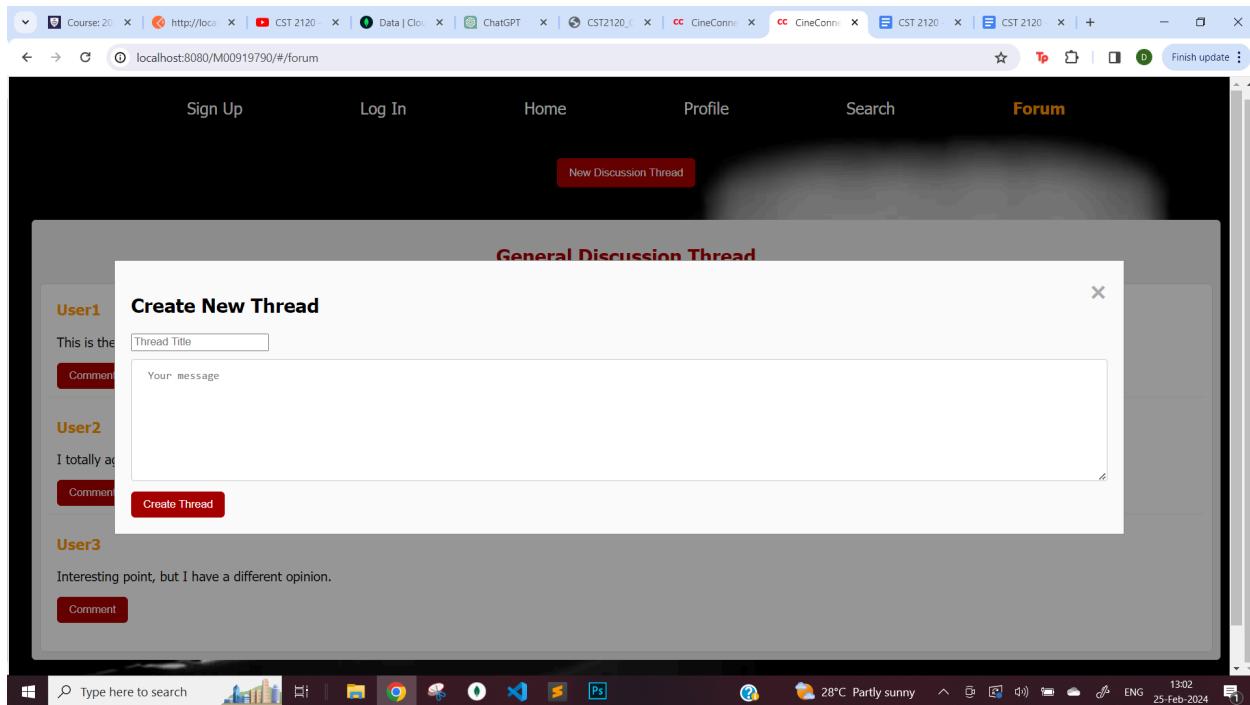


Figure 7: Create New Discussion Thread Dialog

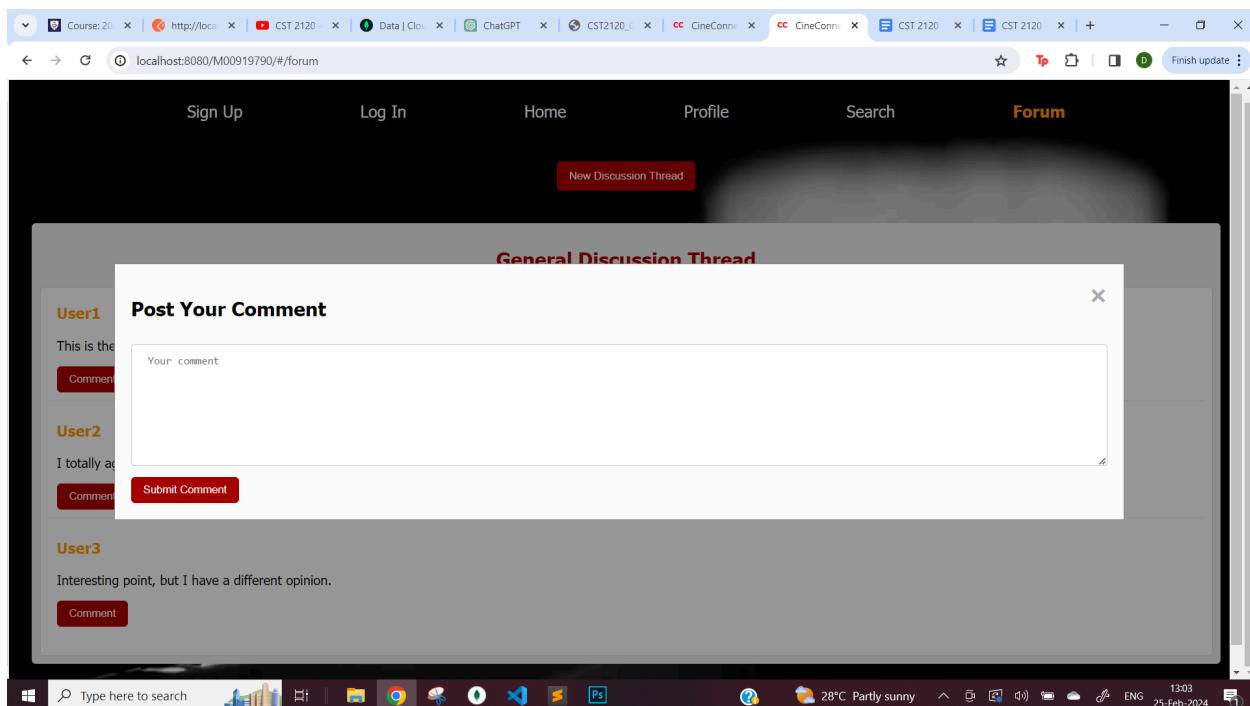


Figure 8: Comment on Thread Dialog

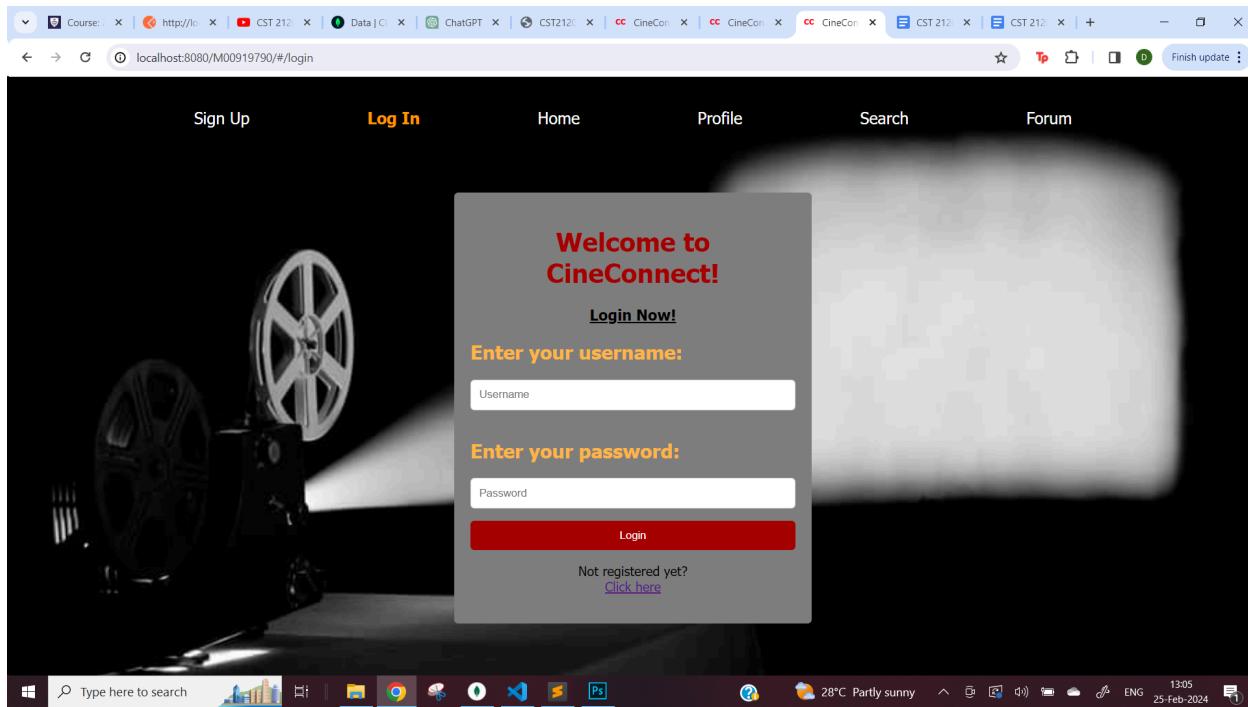


Figure 9: Login Page

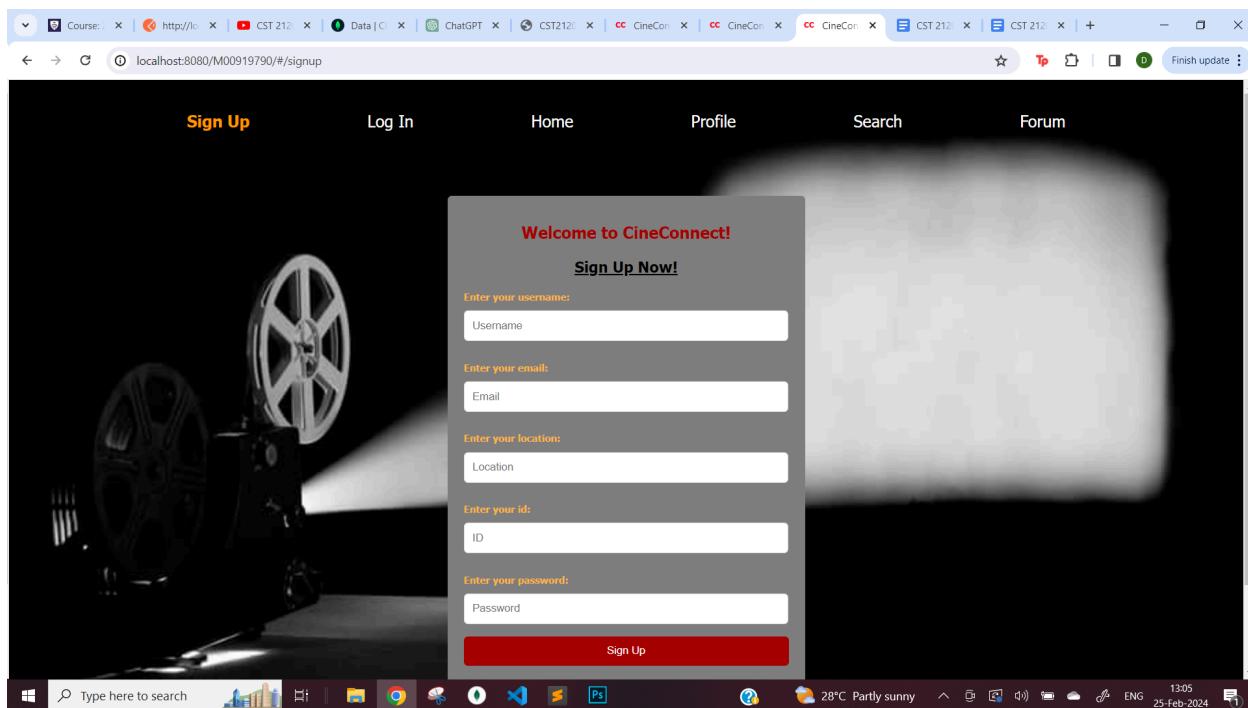


Figure 10: Sign Up Page

3.0 Basic web service screenshots

The screenshot shows the Postman application interface. A POST request is being made to `http://localhost:8080/M00919790/`. The request body contains the following JSON data:

```
1 {  
2   "name": "Darshan Goburdhone",  
3   "studentId": "M00919798",  
4   "email": "dg774@live.mdx.ac.uk"  
5 }
```

The response status is 201 Created, and the response body is:

```
1 {  
2   "acknowledged": true,  
3   "insertedId": "65da3149f650eb6f33a6bd70"  
4 }
```

Figure 11: Post student details in JSON format to MongoDB Atlas using Postman

The screenshot shows the Postman application interface. A GET request is being made to `http://localhost:8080/M00919790/data`. The request body contains the same JSON data as the previous screenshot:

```
1 {  
2   "name": "Darshan Goburdhone",  
3   "studentId": "M00919798",  
4   "email": "dg774@live.mdx.ac.uk"  
5 }
```

The response status is 200 OK, and the response body is:

```
1 {  
2   "_id": "65da300ff650eb6f33a6bd61"  
3 },  
4 {  
5   "_id": "65da3149f650eb6f33a6bd70",  
6   "name": "Darshan Goburdhone",  
7   "studentId": "M00919798",  
8   "email": "dg774@live.mdx.ac.uk"  
9 }
```

Figure 12: Get student details in JSON from MongoDB Atlas using Postman

The screenshot shows the MongoDB Atlas Data Services interface. On the left, a sidebar lists Project 0, Deployment, Database (selected), and Services. Under Database, the 'cst2120' database is selected, and its 'signup' collection is shown. The main panel displays the 'cst2120.signup' collection with four documents listed. The first document is partially visible:

```
_id: ObjectId('65da3908f658eb6f33a6bd6e')
```

The second document is also partially visible:

```
_id: ObjectId('65da390ff658eb6f33a6bd6f')
```

The third and fourth documents are fully visible:

```
_id: ObjectId('65da3149f658eb6f33a6bd70')
name: "Darshan Goburdhone"
studentId: "M00919799"
email: "dg774@live.mdx.ac.uk"
```

Figure 13: Student details stored in MongoDB Atlas in JSON format in database **cst2120** and collection **signup**