

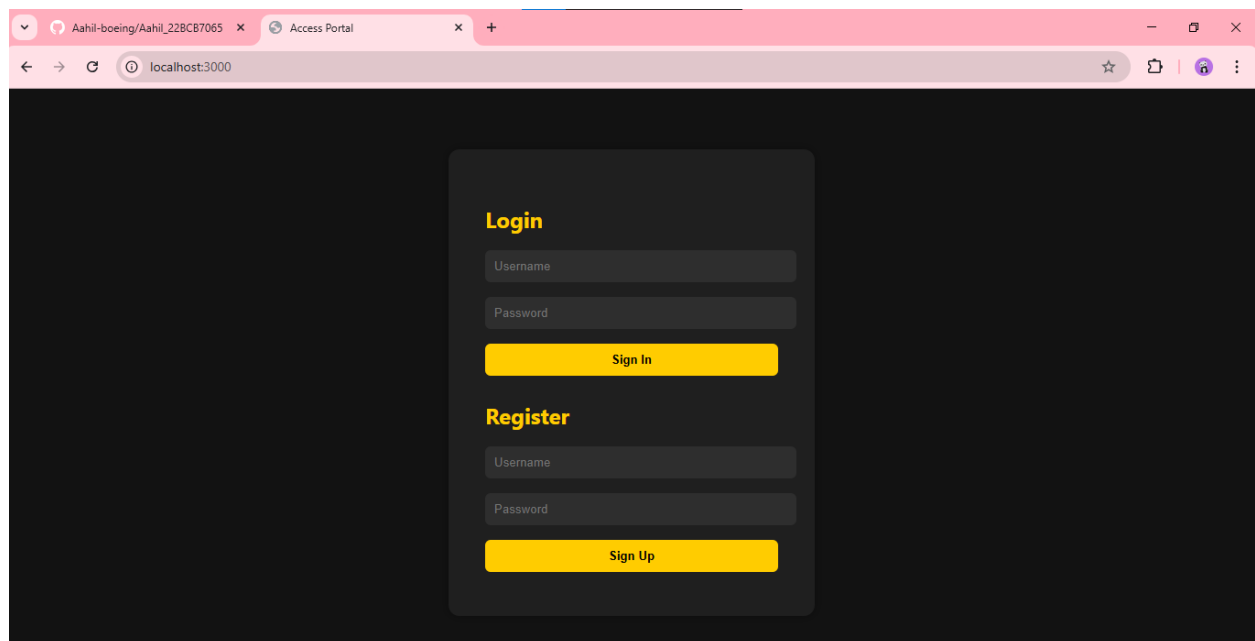
Mongodb-project

BOOK-INVENTORY-MANAGEMENT

Start the server:

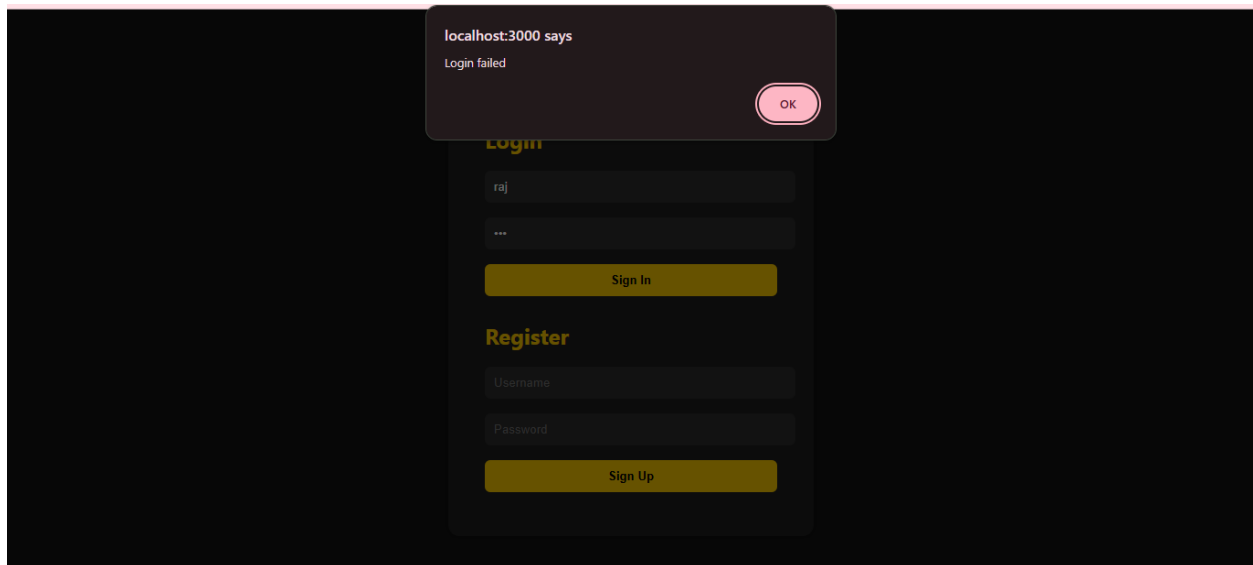
```
C:\Windows\System32\cmd.exe - node server.js
F:\Desktop\book-inventory-manager>node server.js
Server running on http://localhost:3000
```

Here is the login page:

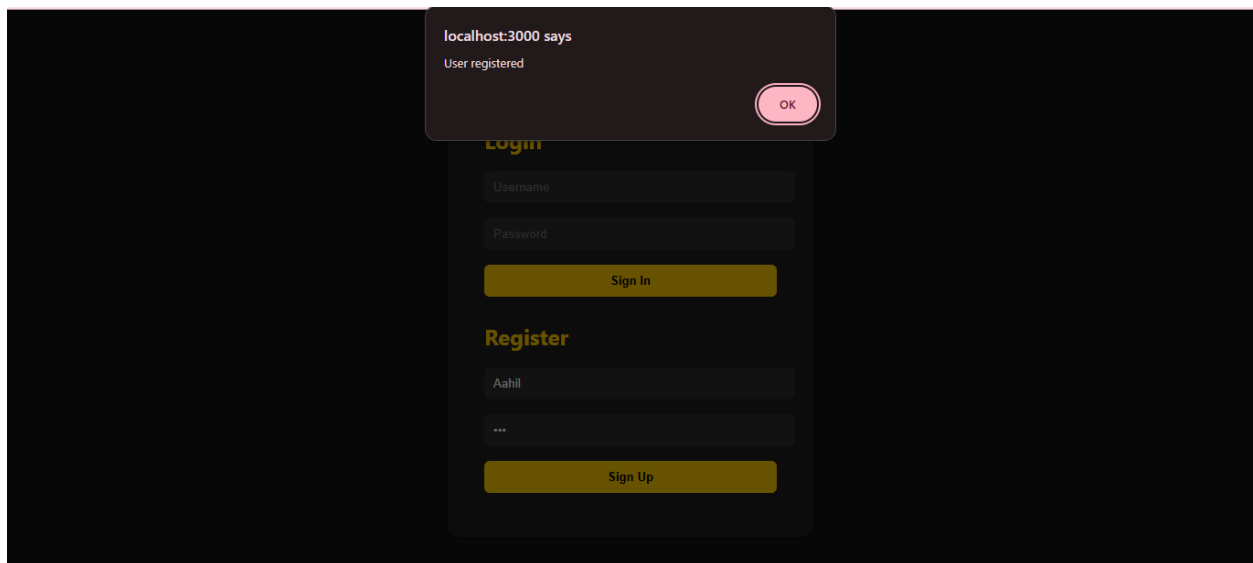


Once user can login if there credentials are stored in the mongodb(database) or it shows the pop up to resiter first:

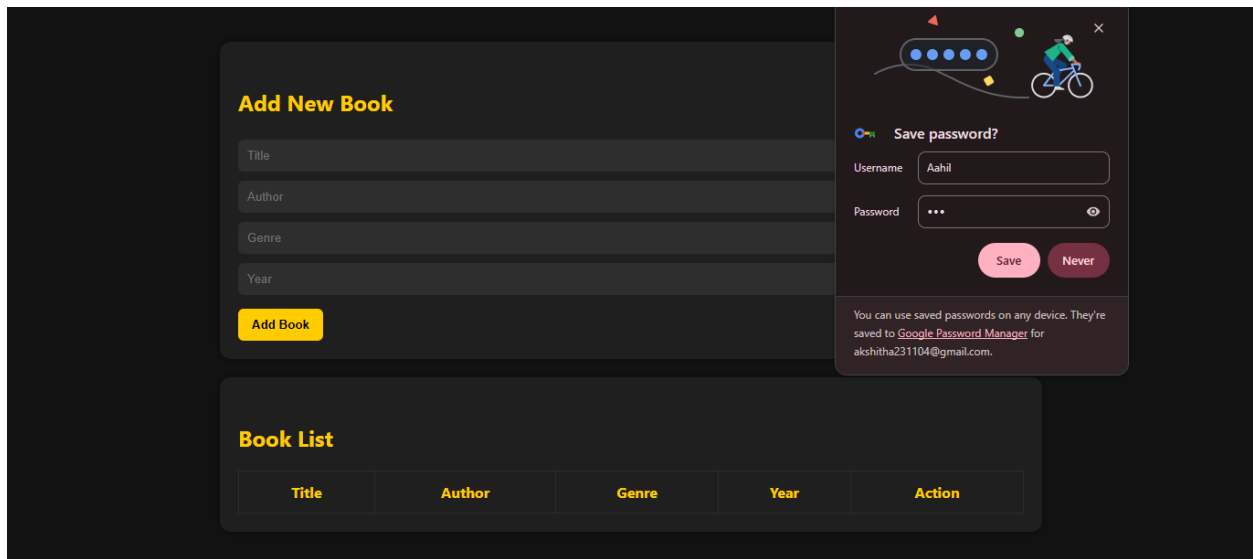
Here is the error pop up message:



So now lets register with new username and pass word and store the book collection:

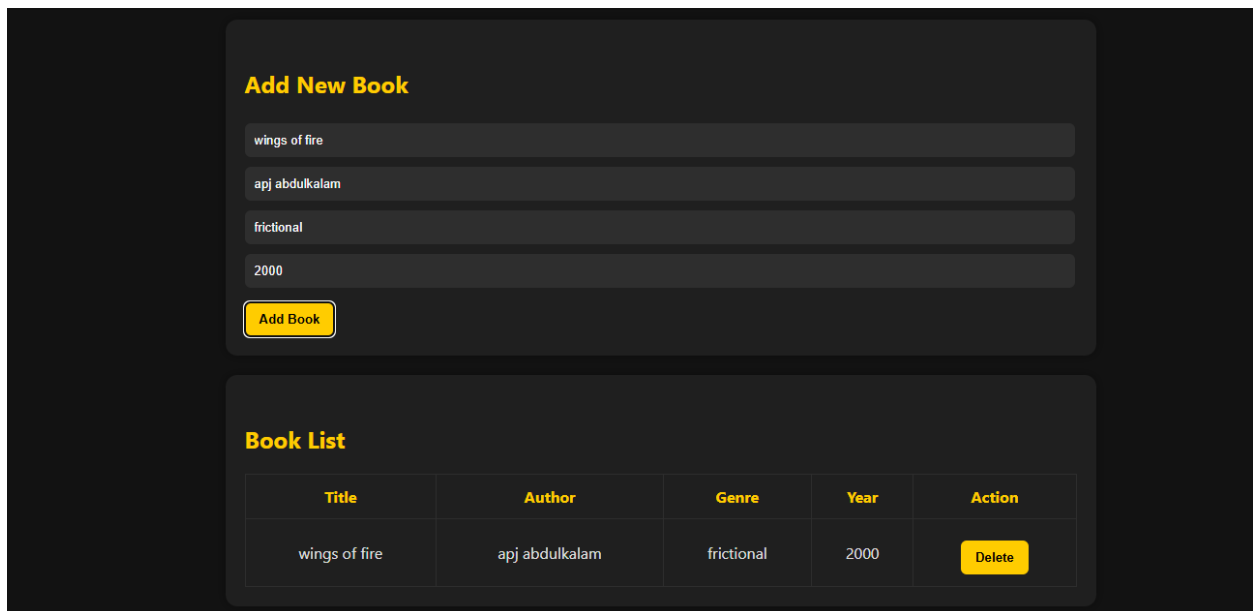


After user registration here is the dash board:



Here the entire dash board:

Once we add the book it show in the book list:



Now these can be stored in the mongodb(database)

Database: (bookDB)

Collections: 1.users

The screenshot shows the MongoDB Compass interface. The 'Documents' tab is selected, showing a single document in the 'users' collection of 'bookDB'. The document contains the following fields: `_id` (ObjectId), `username` ('Aahil'), `password` (a long alphanumeric string), and `__v` (0). The interface includes a query bar at the top, buttons for 'ADD DATA', 'EXPORT DATA', 'UPDATE', and 'DELETE', and a pagination bar showing '1 - 1 of 1'.

```
{
  "_id": ObjectId('684d93e090402209227aab6b'),
  "username": "Aahil",
  "password": "$2b$10$n44Ccbbkqov9Wvd4xpZPJ0DX6Wp40i1Q.DrjzuF9YYXR8z0FN9spa",
  "__v": 0
}
```

2.books

The screenshot shows the MongoDB Compass interface with the 'books' collection selected. The document contains the following fields: `_id` (ObjectId), `title` ('wings of fire'), `author` ('apj abdul kalam'), `genre` ('frictional'), `year` (2000), and `__v` (0). The interface includes a query bar at the top, buttons for 'ADD DATA', 'EXPORT DATA', 'UPDATE', and 'DELETE', and a pagination bar showing '1 - 1 of 1'.

```
{
  "_id": ObjectId('684d954390402209227aab74'),
  "title": "wings of fire",
  "author": "apj abdul kalam",
  "genre": "frictional",
  "year": 2000,
  "__v": 0
}
```

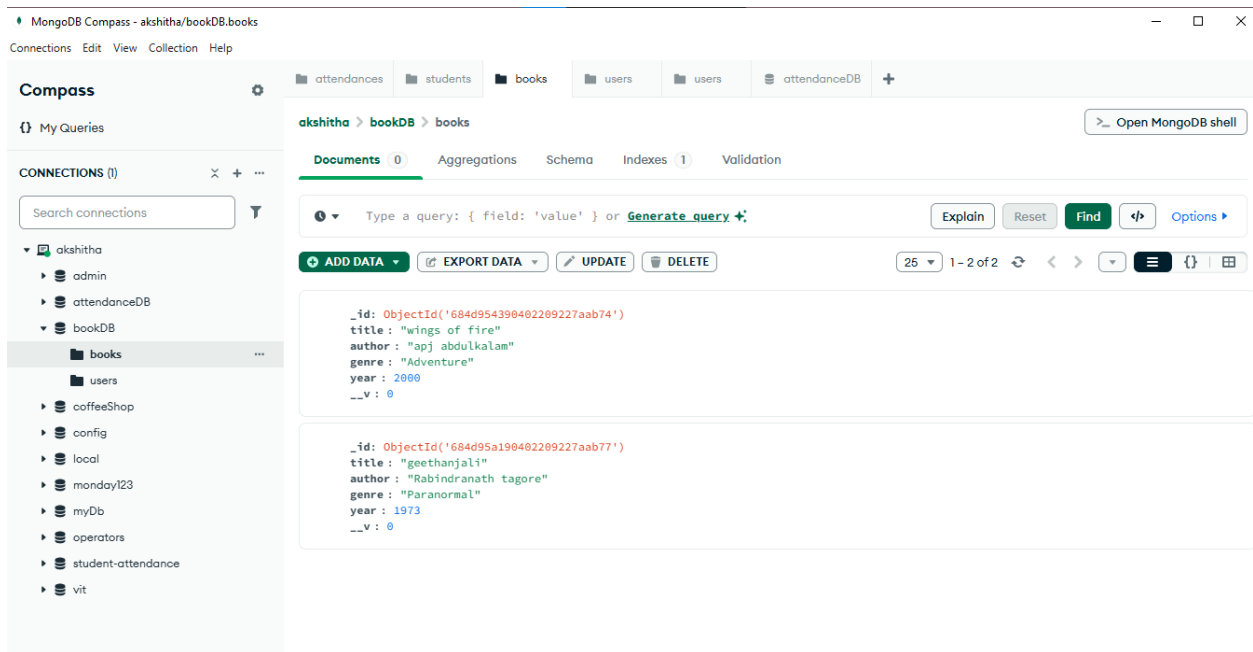
Update the book genre also as previous it is frictional now it can be changed as:

The screenshot shows the MongoDB Compass interface with the 'books' collection selected. The document contains the following fields: `_id` (ObjectId), `title` ('wings of fire'), `author` ('apj abdul kalam'), `genre` ('Adventure'), `year` (2000), and `__v` (0). The interface includes a query bar at the top, buttons for 'ADD DATA', 'EXPORT DATA', 'UPDATE', and 'DELETE', and a pagination bar showing '1 - 1 of 1'.

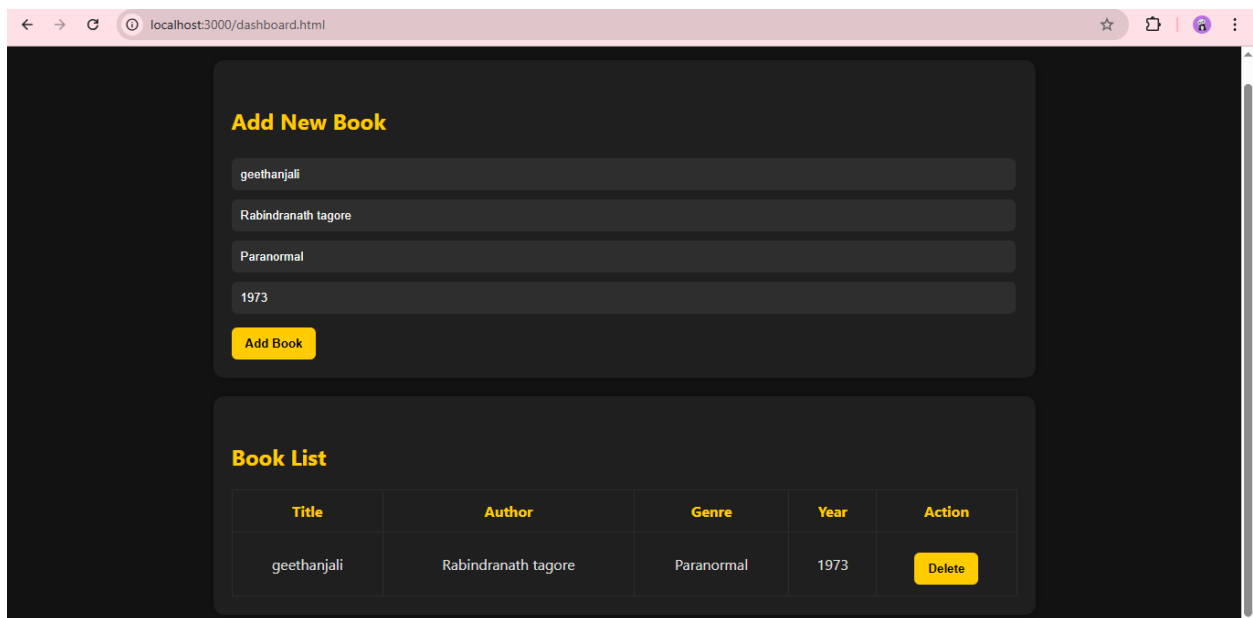
```
{
  "_id": ObjectId('684d954390402209227aab74'),
  "title": "wings of fire",
  "author": "apj abdul kalam",
  "genre": "Adventure",
  "year": 2000,
  "__v": 0
}
```

Now it is changed as adventure.

Delete the records:



Now it contains two books geethanjali and wings of fire. now I am going to delete the wings of fire so now the database will be changed



Mongoddb:



The image shows a screenshot of a database management interface. On the left is a sidebar with a file tree structure. The tree is rooted at 'bookDB' and contains the following items: 'books' (selected, with a sub-item 'users'), 'coffeeShop', 'config', 'local', 'monday123', 'myDb', and 'operators'. On the right is a document viewer displaying a JSON object:

```
{
  "_id": "ObjectId('684d95a190402209227aab77')",
  "title": "geethanjali",
  "author": "Rabindranath tagore",
  "genre": "Paranormal",
  "year": 1973,
  "_v": 0
}
```

In these the operations that perform in dashboard reflected in database.