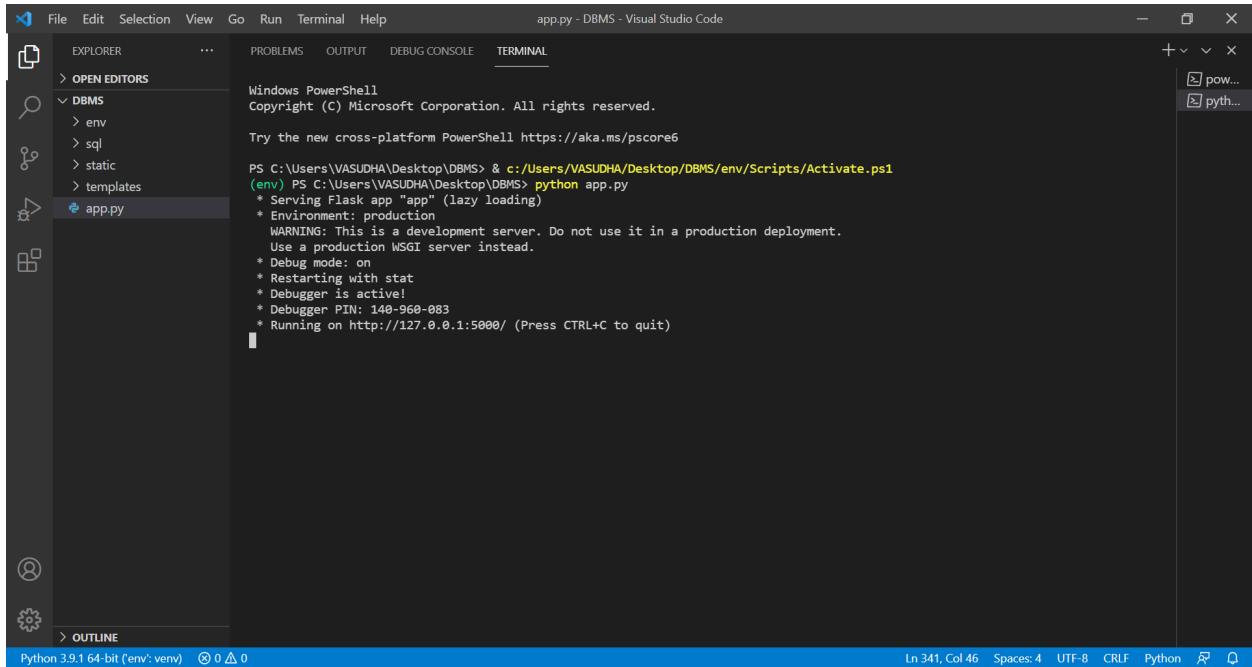


After setting up the schema 'LIB', we start the MySQL server (which is started during the booting if it is not disabled), and the backend (Flask) server.

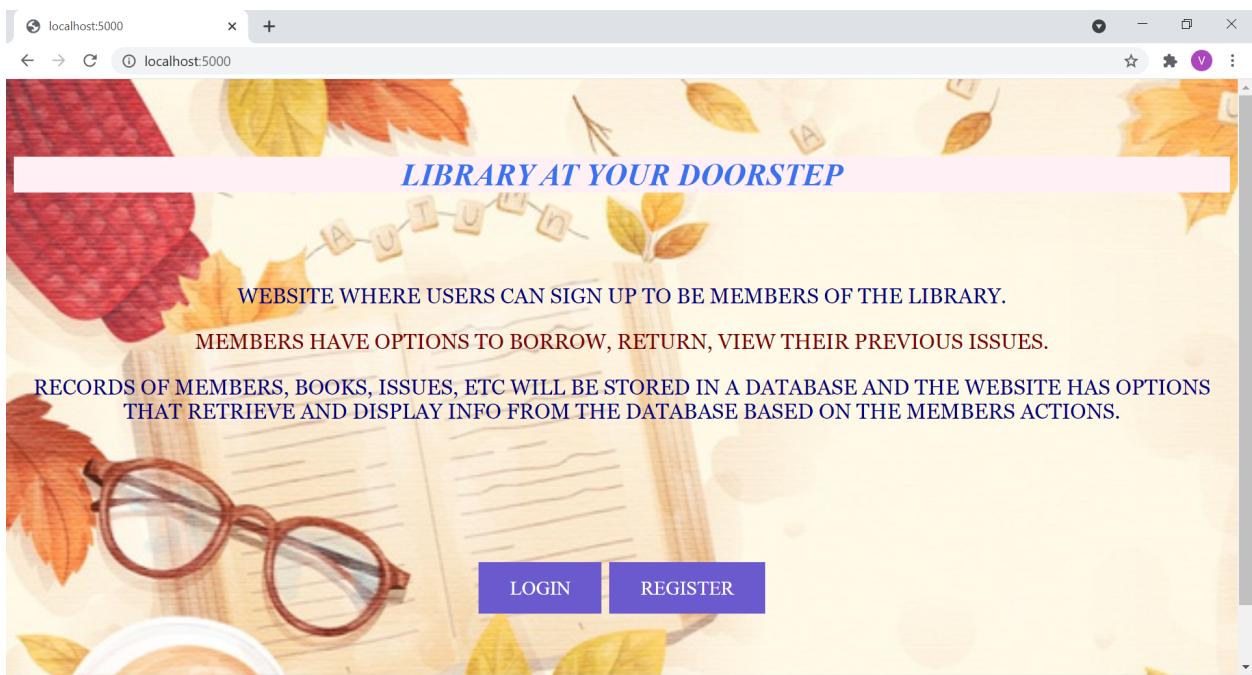


The screenshot shows a Visual Studio Code interface. The terminal window displays the following output:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\Users\VASUDHA\Desktop\DBMS & c:/Users/VASUDHA/Desktop/DBMS/env/Scripts/Activate.ps1
(env) PS C:\Users\VASUDHA\Desktop\DBMS> python app.py
* Serving Flask app "app" (lazy loading)
* Environment: production
WARNING: This is a development server. Do not use it in a production deployment.
Use a production WSGI server instead.
* Debug mode: on
* Restarting with stat
* Debugger is active!
* Debugger PIN: 140-960-083
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

The terminal tab is selected in the top bar. The status bar at the bottom indicates Python 3.9.1 64-bit ('env': venv) and other settings like Ln 341, Col 46, Spaces: 4, UTF-8, CRLF, Python.



REGISTERING A NEW USER :

Before Submitting :

```
MySQL Shell
MySQL [localhost:33060+ ssl lib SQL] > SELECT * FROM USERS;
Empty set (0.0008 sec)
MySQL [localhost:33060+ ssl lib SQL] >
```

localhost:5000/register

REGISTER HERE:

First Name:
Vasudha

Last Name:
E

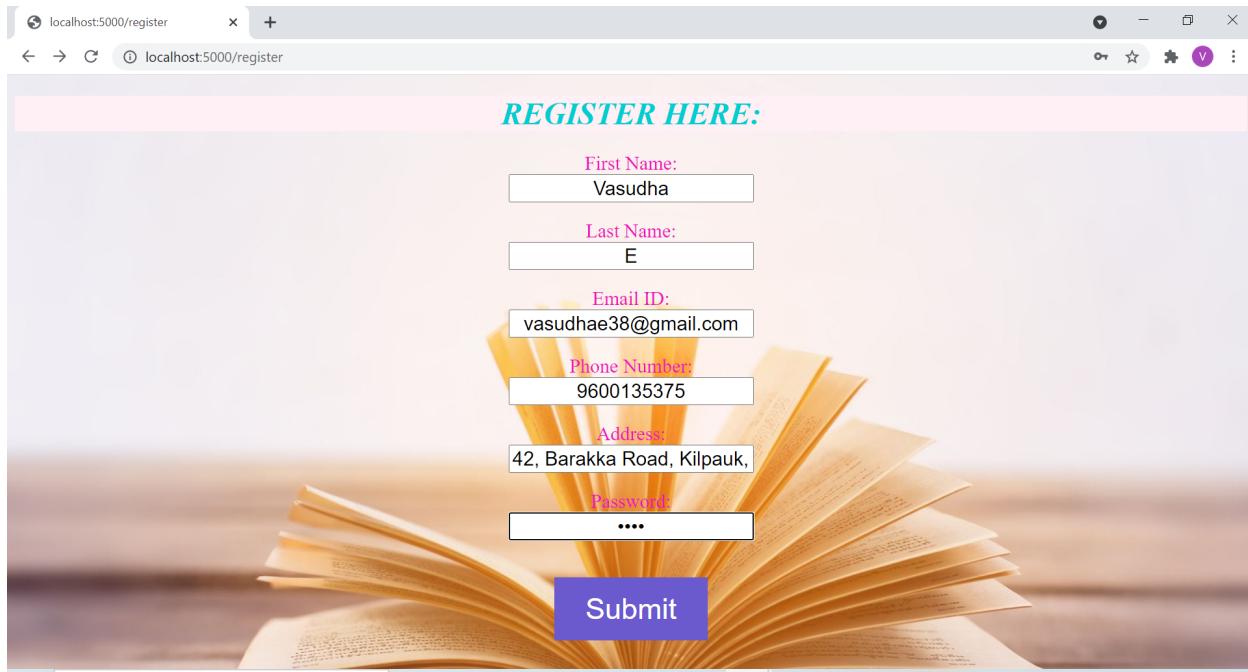
Email ID:
vasudhae38@gmail.com

Phone Number:
9600135375

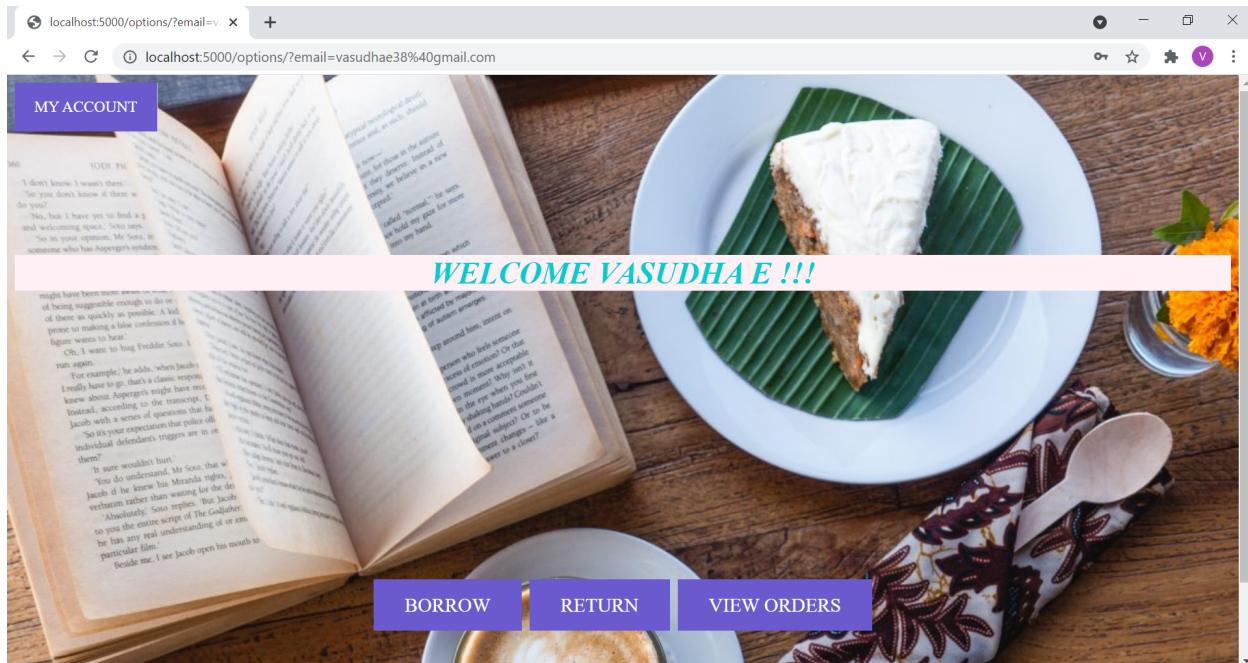
Address:
42, Barakka Road, Kilpauk,

Password:
.....

Submit



After submitting :



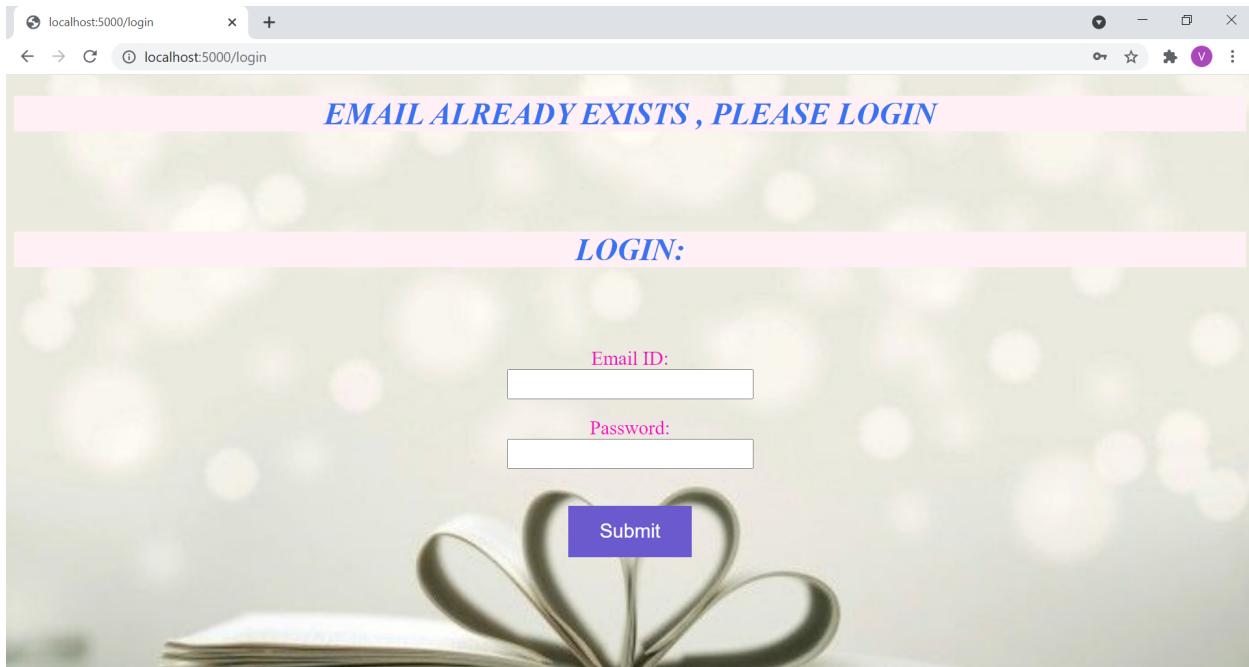
```
MySQL Shell
MySQL [localhost:33060+ ssl lib SQL] > SELECT * FROM USERS;
+----+-----+-----+-----+-----+-----+
| UID | FNAME | LNAME | EMAIL           | PHONENO | ADDR           | PW   |
+----+-----+-----+-----+-----+-----+
| 1  | Vasudha | E     | vasudhae38@gmail.com | 9600135375 | 42, Barakka Road, Kilpauk, Ch-10 | 3456 |
+----+-----+-----+-----+-----+-----+
1 row in set (0.0070 sec)
MySQL [localhost:33060+ ssl lib SQL] >
```

If a user tries to login with the same email ID before deleting his account, he/she is redirected to the login page and is not allowed to register again.

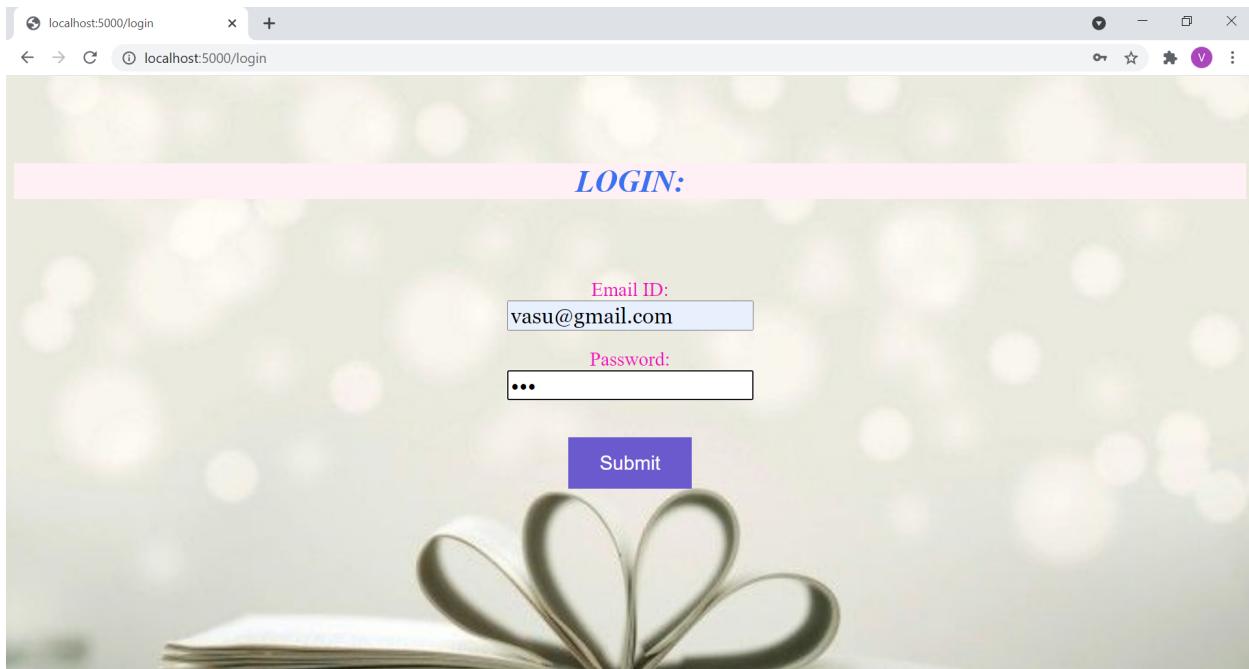
The screenshot shows a web browser window with the URL `localhost:5000/register`. The page has a light blue header with the title "REGISTER HERE:". Below the header is a large background image of an open book with yellow pages. The registration form consists of several input fields:

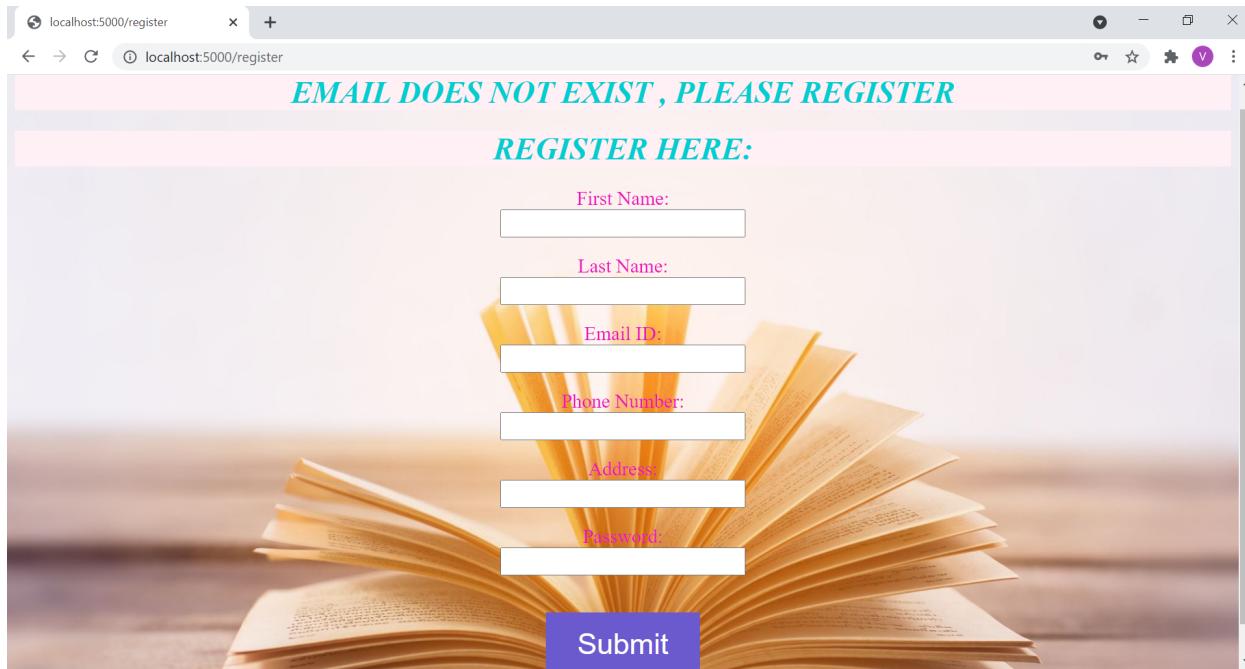
- First Name:
- Last Name:
- Email ID:
- Phone Number:
- Address:
- Password:

At the bottom right of the form is a blue "Submit" button.

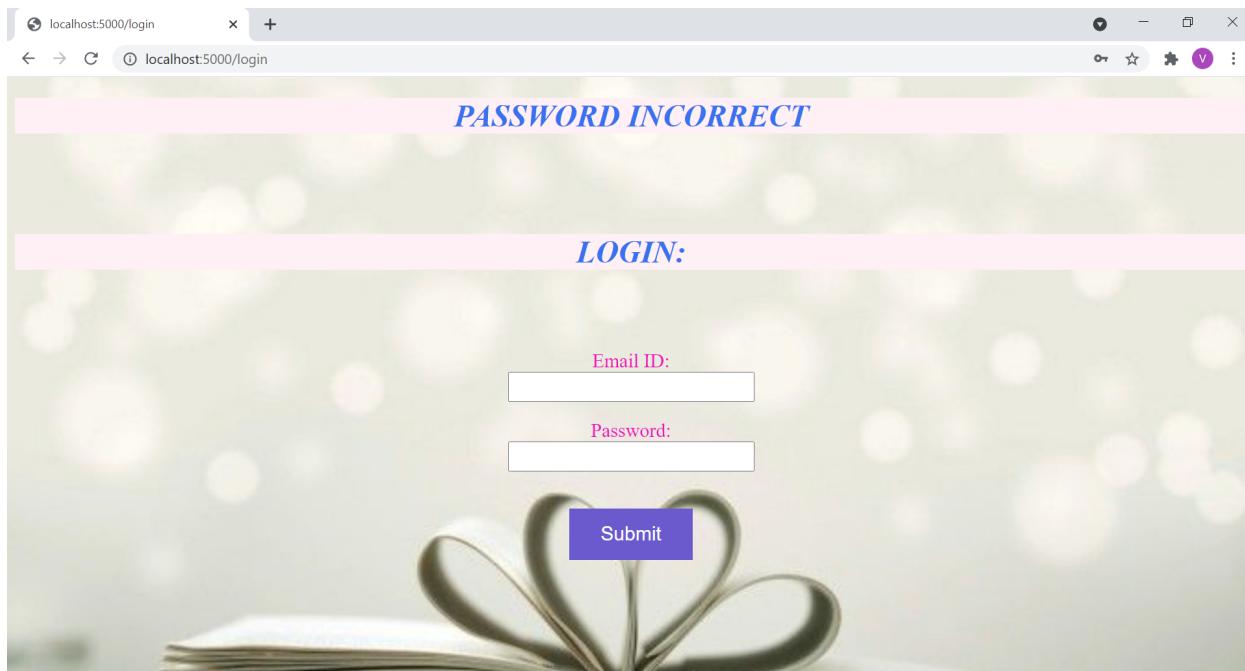


If a user enters a wrong email ID, he/she is redirected to the register page as the email does not exist in the DB. If they have already registered , they can use the back arrow in the browser screen to navigate to the Login Page to retry.





If the user enters a wrong password , a message is flashed to indicate the entry of the incorrect password.



A new session is created after successful Login / Registration .
The user is redirected to menu page.