



READRECOMMEND – A book recommender system

USER MANUAL

Group Name – Rock n Roll

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Role : Scrum master and Developer

I. Environment setup and configuration:

1. Download the “**capstone-project-rock-n-roll.zip**” file in your computer,
2. Open the terminal or local cmd prompt and navigate to the folder containing “**requirements.txt**”
3. While maintaining the file path, enter the following command.

```
$ pip install -r requirements.txt
```

to install a series of packages.

Example:

```
(base) [redacted]Book-Air:capstone-project-rock-n-roll [redacted] $ pip install -r requirements.txt
```

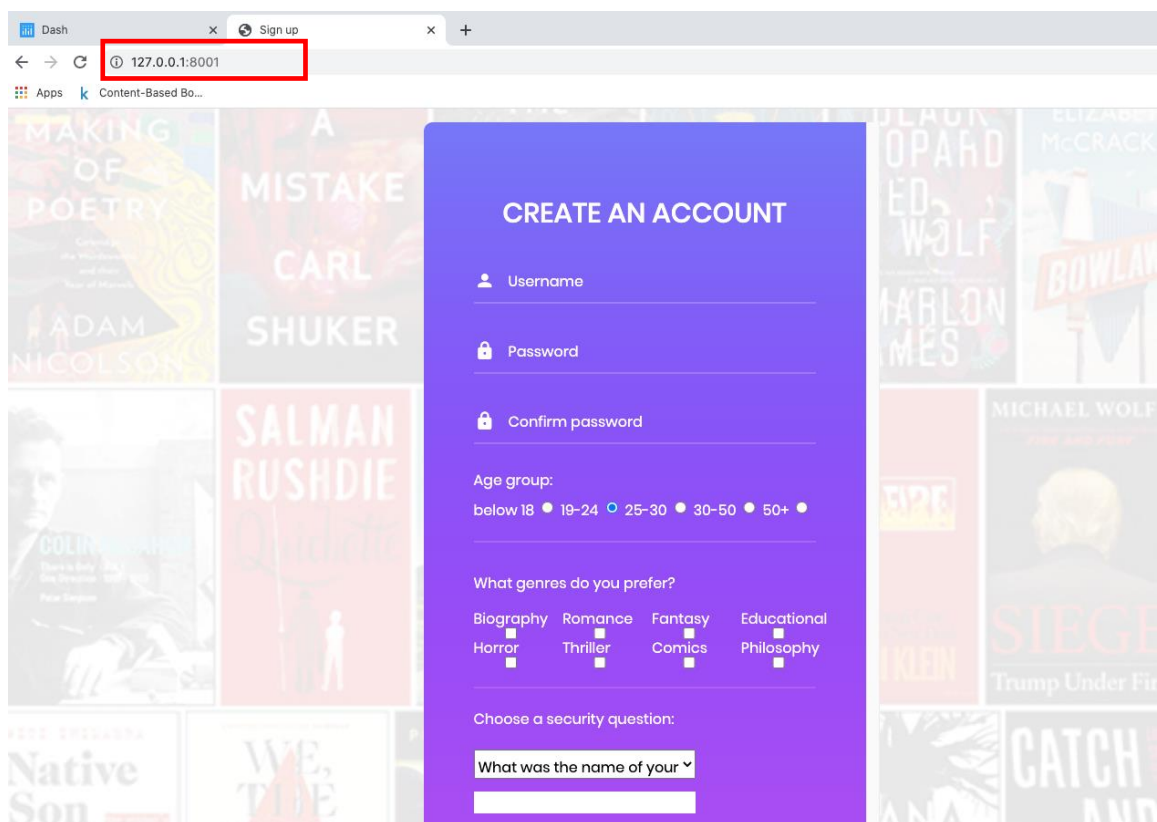
II. The application

1. Navigate to the folder containing “**main.py**”, and enter the following command

```
$ python main.py
```

This would fire up the server and the website on <http://127.0.0.1:8001/>

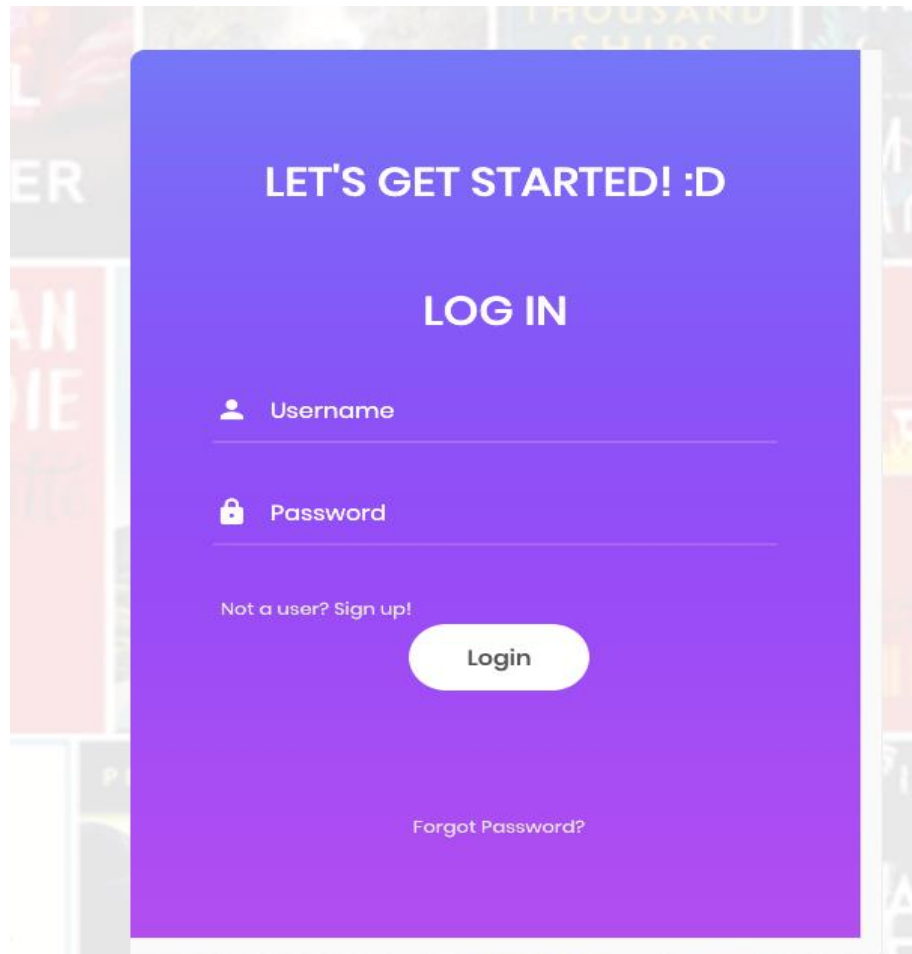
2. Copy and paste the URL onto your browser. This should open up “**Registration**” window.



The screenshot shows a web browser window with the address bar displaying "127.0.0.1:8001". The page content is a registration form titled "CREATE AN ACCOUNT" overlaid on a background of book covers. The form includes the following fields and options:

- Username**: A text input field.
- Password**: A text input field with a lock icon.
- Confirm password**: A text input field with a lock icon.
- Age group**: A row of radio buttons with labels: "below 18", "19-24", "25-30" (selected), "30-50", and "50+".
- What genres do you prefer?**: A grid of checkboxes for "Biography", "Romance", "Fantasy", "Educational", "Horror", "Thriller", "Comics", and "Philosophy".
- Choose a security question:** A dropdown menu currently showing "What was the name of your" and an empty text input field below it.

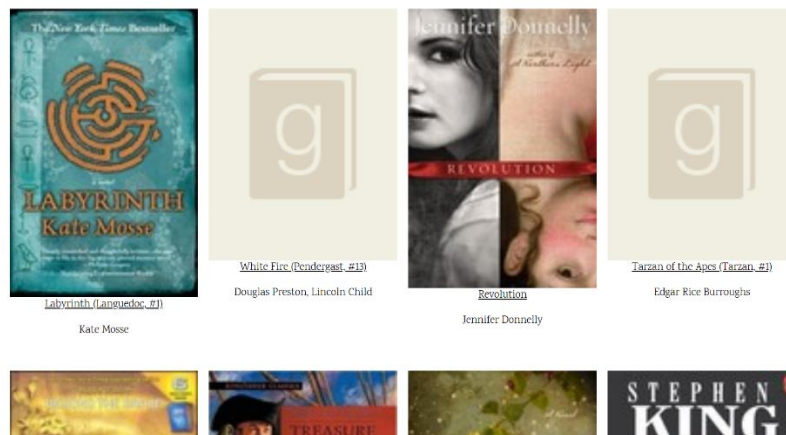
3. Once the registration is complete, click on “**Sign up**”.
4. Once the account is created, it will redirect you to the “**Login in**” page.



- Once successfully logged in, you are now in “**Home**” page, which recommends books according to the genre you have selected during the signup.

[HOME](#)
[COLLECTIONS](#)
[EXPLORE](#)
[ACCOUNT](#)

MY BOOKS



6. Proceed to navigation bar at the top of our website, click on “**Collections**” tab to view, add, or delete a collection.

HOME COLLECTIONS EXPLORE ACCOUNT

What action do you want to perform?

View Collection

Add New Collection

Delete a Collection!

7. Next, “**Explore**” tab to view different users, books or use the recommenders.

HOME COLLECTIONS EXPLORE ACCOUNT

What do you want to search?

Books

Users

Recommender

- (a) When you click on “Books”, our entire book collection can be viewed. Also, multiple filters to search by genre, author, and rating.

HOME COLLECTIONS EXPLORE ACCOUNT

books

Select a genre!

Select an Author!

Greater than 0 Greater than 1 Greater than 2 Greater than 3 Greater than 4 Greater than 5

Best Friends Forever

The Te of Piglet

The Bonfire of the Vanities

90 Minutes in Heaven: A True Story of Death an Life

Bonjour tristesse

The Tommyknockers

Stoner

Emma

Foundation (Foundation #1)

To Have and Have Not

Half Bad (The Half Bad Trilogy, #1)

A Murder is Announced (Miss Marple, #5)

- (b) In the same “Explore” tab if you click on “Users”, you can choose other users and select their collections to view their named collections

HOME COLLECTIONS **EXPLORE** ACCOUNT

Users

pav

Select a collection!

No Books!

- (c) In the “Explore” tab if you click on “Recommender”, you can use three modes of recommendations – Title based, Rating based, and Genre based. These modes provide the reader with multiple recommendation options that can be used to recommend a book.

HOME COLLECTIONS **EXPLORE** ACCOUNT

Recommender

Select a recommender engine....

Title Based Recommender

Rating Based Recommender

Genre Based Recommender

8. Finally, reader can view the “**Account**” page details which contains username, interests, and more genre options to add.
9. To add more genre to your account, click on the checkboxes and click “Add”.
You can notice new genres getting added to the interests list

HOME COLLECTIONS EXPLORE **ACCOUNT**

MY ACCOUNT

ABOUT ME!

Name: [REDACTED]

Interests: biography,horror,thriller,fantasy,comedy,Horror

You can add more genres to your interests here.

Biography <input type="checkbox"/>	Thriller <input type="checkbox"/>	Philosophy <input type="checkbox"/>	Mystery <input type="checkbox"/>
Horror <input type="checkbox"/>	Fantasy <input type="checkbox"/>	Crime <input type="checkbox"/>	Poetry <input type="checkbox"/>
Romance <input type="checkbox"/>	Comics <input type="checkbox"/>		

ADD

Feel free to navigate to all the sections and modes to get the essence of our website.
HAPPY READING!