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Topic chosen: Algorithm for Recommendations

Tech Stack used: HTML, CSS, Javascript, Django, Postgresql

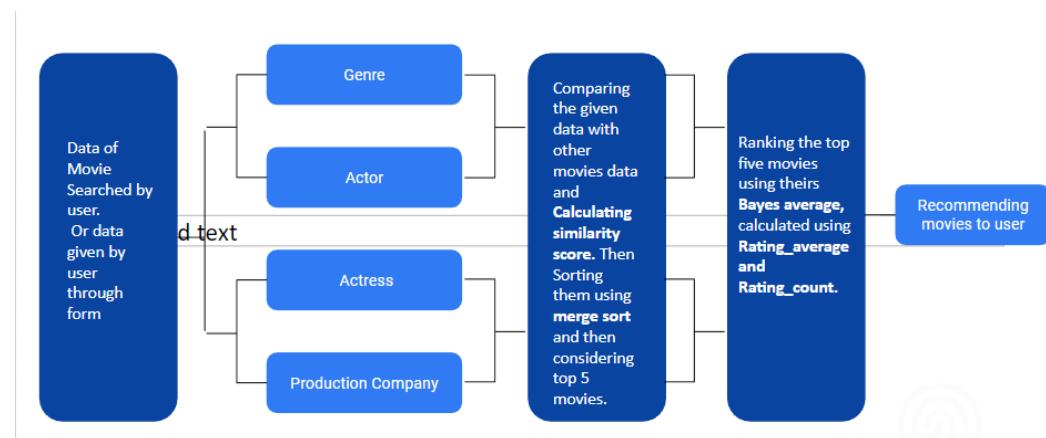
Commands to run the application:

1. Type python from your shell, then at python prompt
2. import django
3. Install pgAdmin and postgresql
4. Create a database with name 'polls_movies'
5. Accordingly update username and password same as your postgresql id-password in settings.py
6. From the command line, move into Microsoft Engage'22 directory, and run following commands
7. \$ python manage.py makemigrations
8. \$ python manage.py migrate
9. \$ python manage.py runserver
10. **Note:** Make the changes in settings.py according to your id-password created during postgres and pgAdmin installation.
11. Now search localhost: 3000

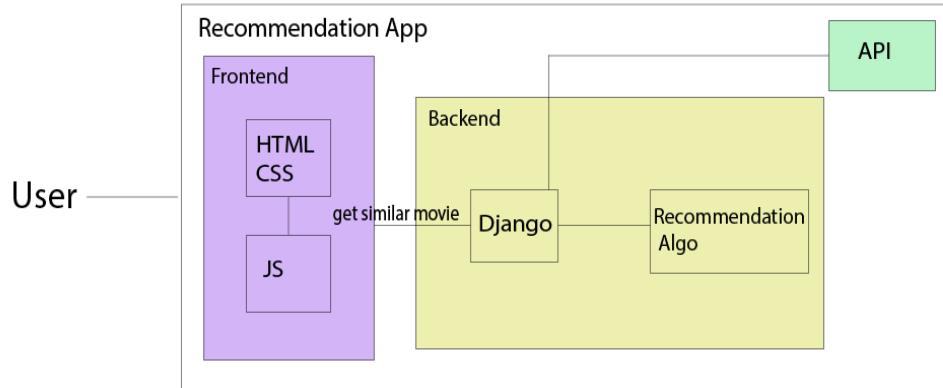
Provided features:

1. Registering on the platform by providing required details.
2. Logging In with correct credentials.
3. Using API and providing daily entertainment news.
4. Searching the movie required.
5. Getting the searched movie + other recommended movies.
6. Link on every movie to redirect to a page that has all info of the movie selected.
7. Collecting information about favorite actor, actress and genre of user.
8. Getting recommendation of movies based on the information collected.

Algorithm Used:

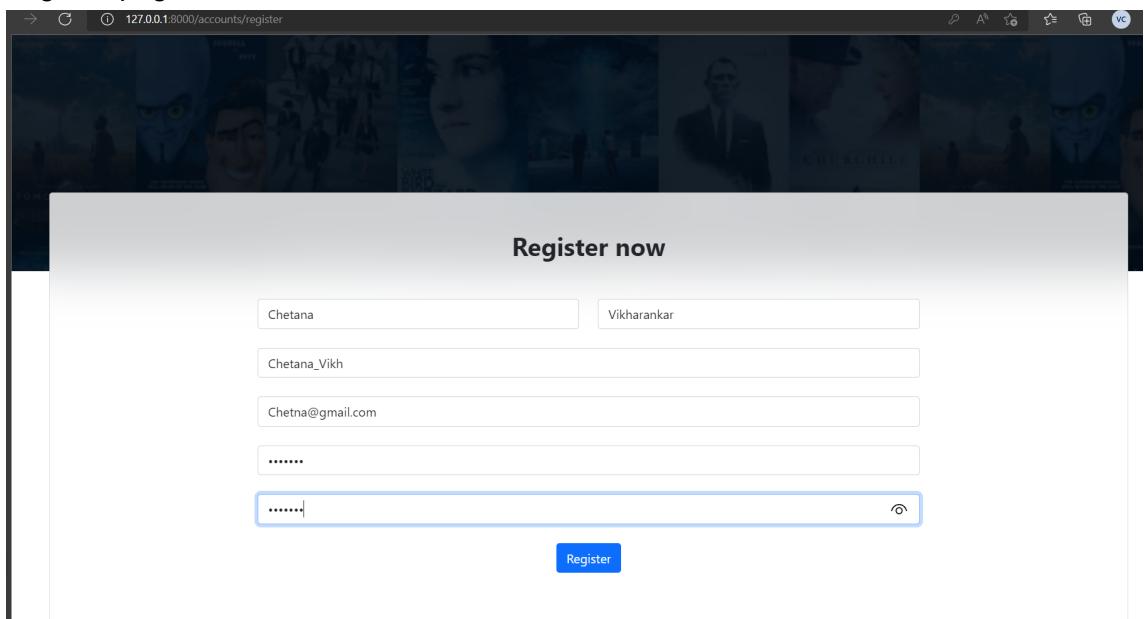


Architecture:

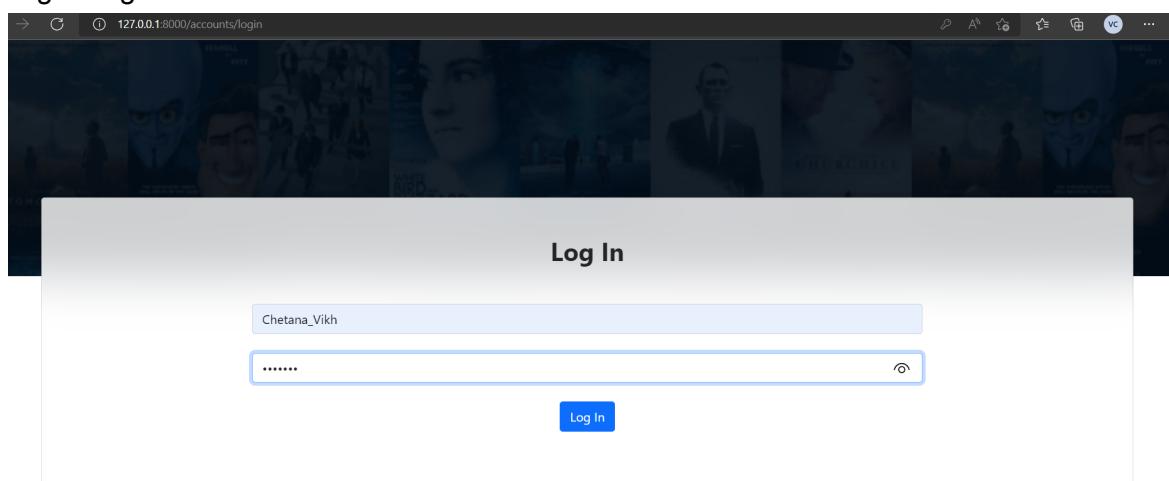


Navigating through the application:

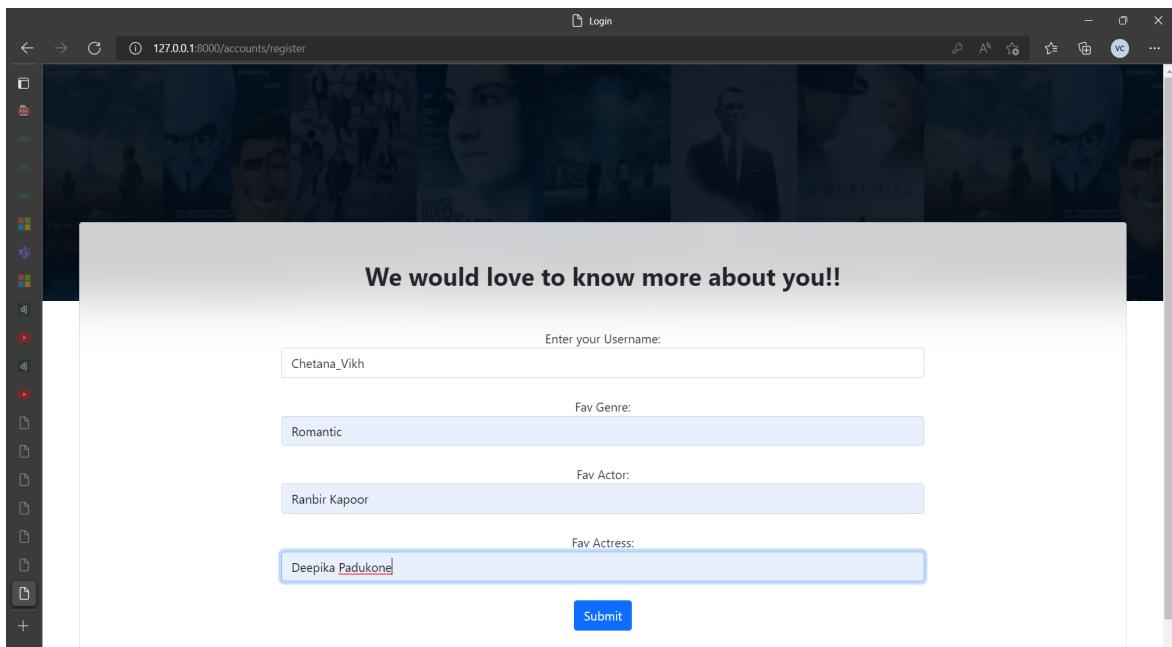
1. Register page



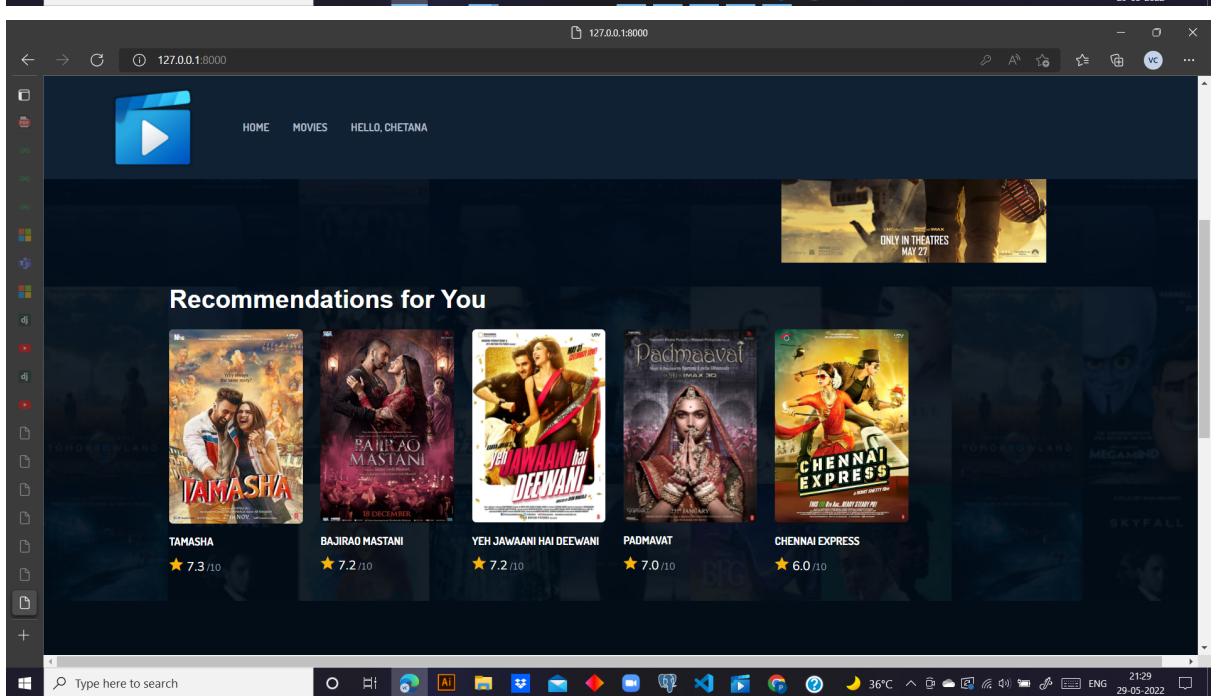
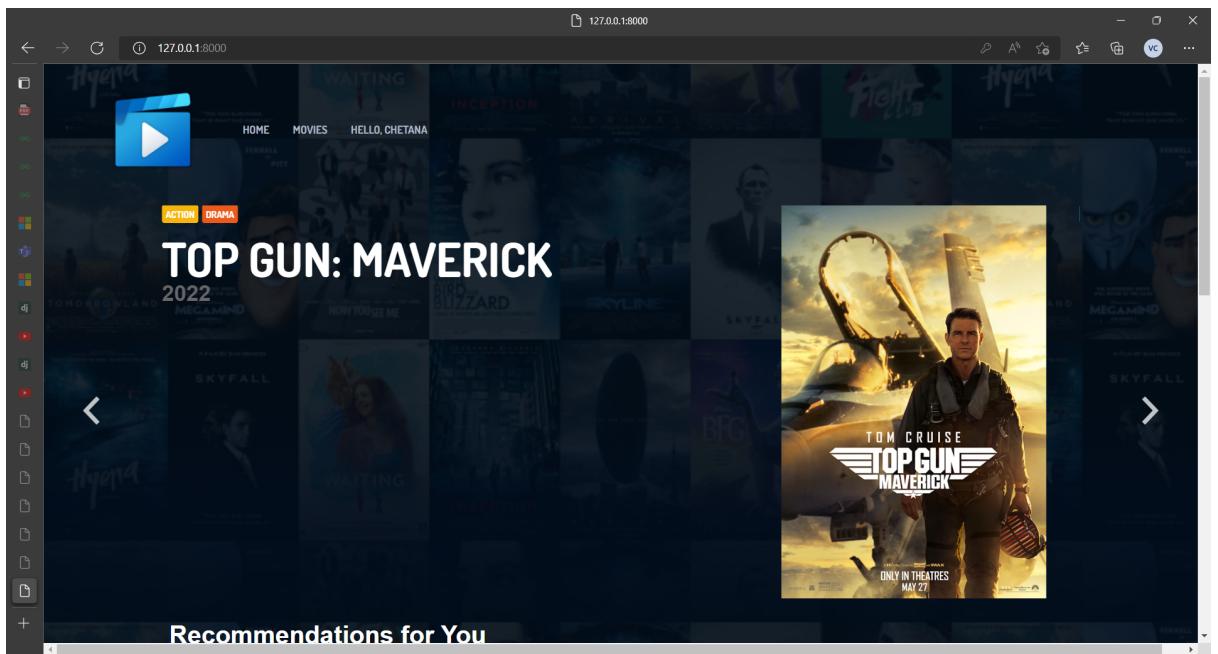
2. Login Page



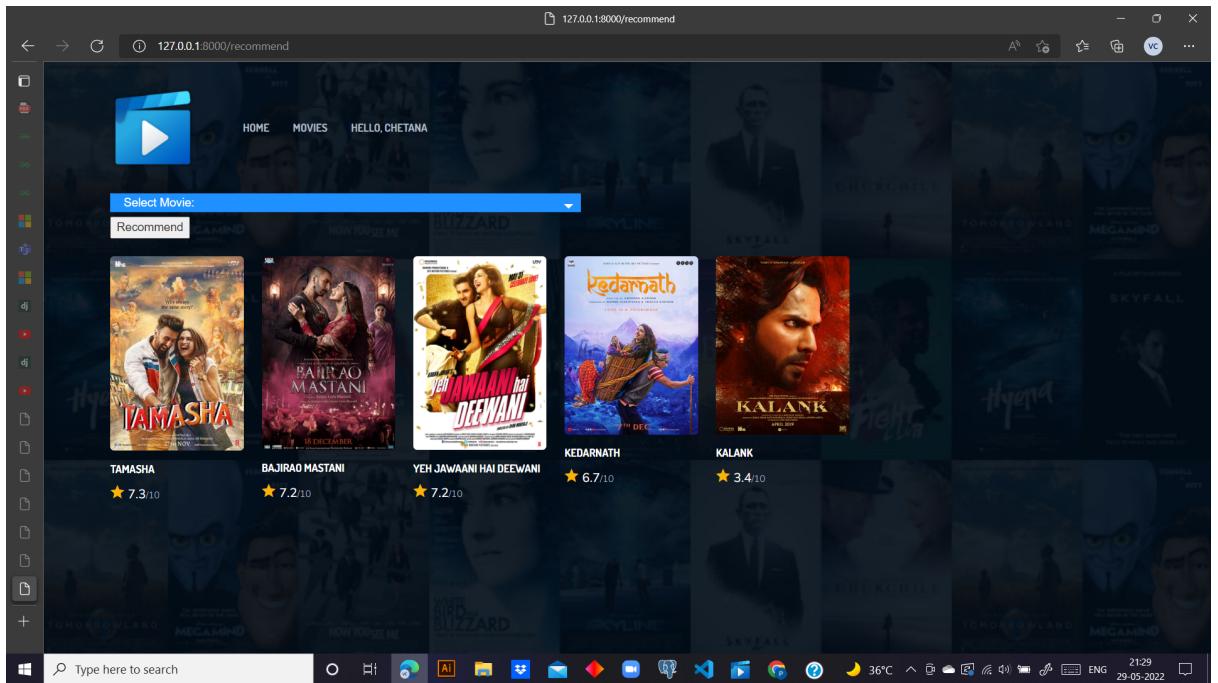
3. Page to collect information



4. Home Page after Login



5. Recommendation page



6. Account Info

