CEN4010 Principles of Software Engineering
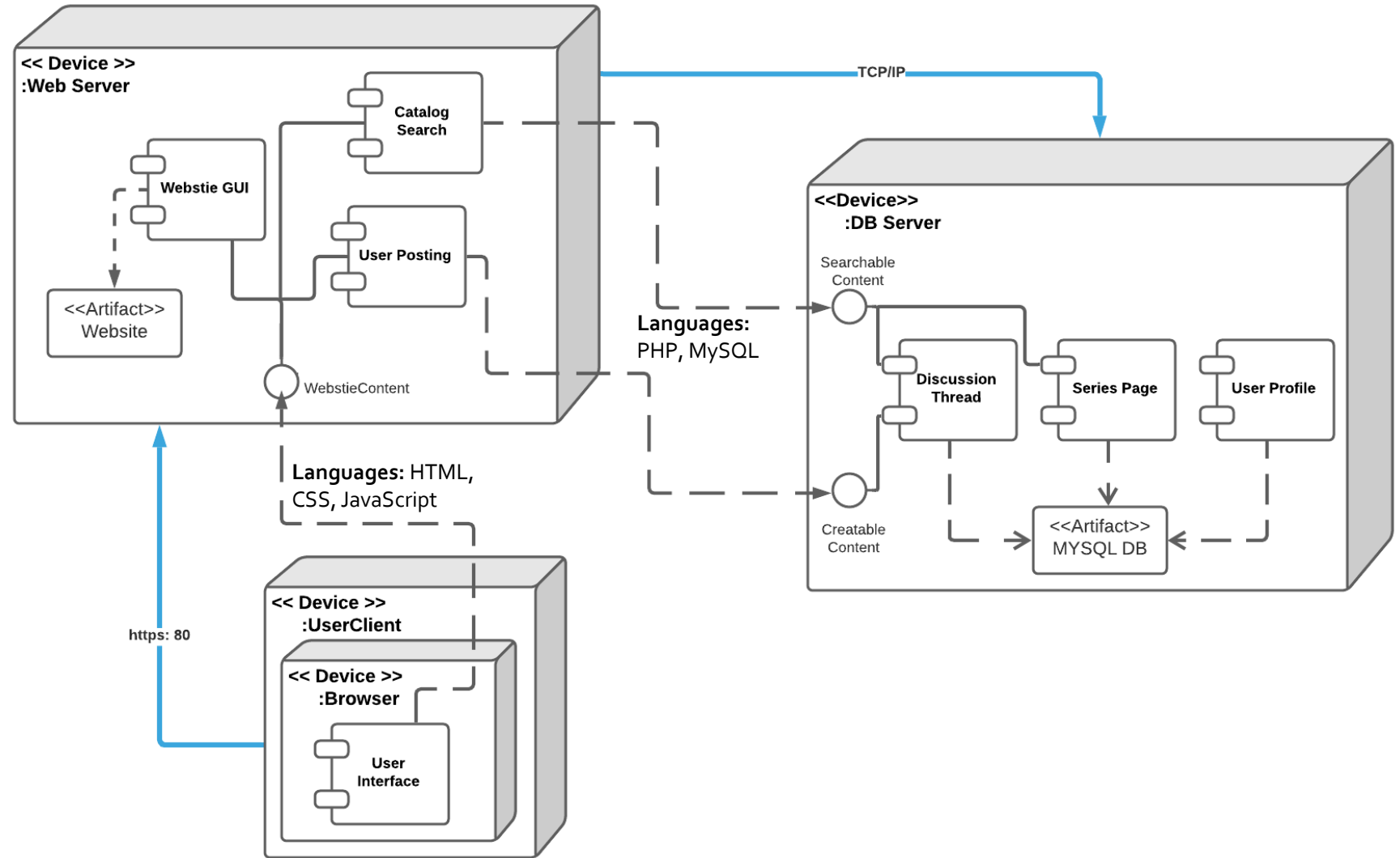
Spring 2021

Team 5

The Team at Chatflix

- Verneshia Persaud
  Scrum Master, Technical Writer, Frontend Developer

- Jason Abdool
  Backend Developer

- Viviana Joubert
  Frontend Developer

- Maksym Mostovyy
  Product Owner, Lead backend Developer

- Monica Silvestri
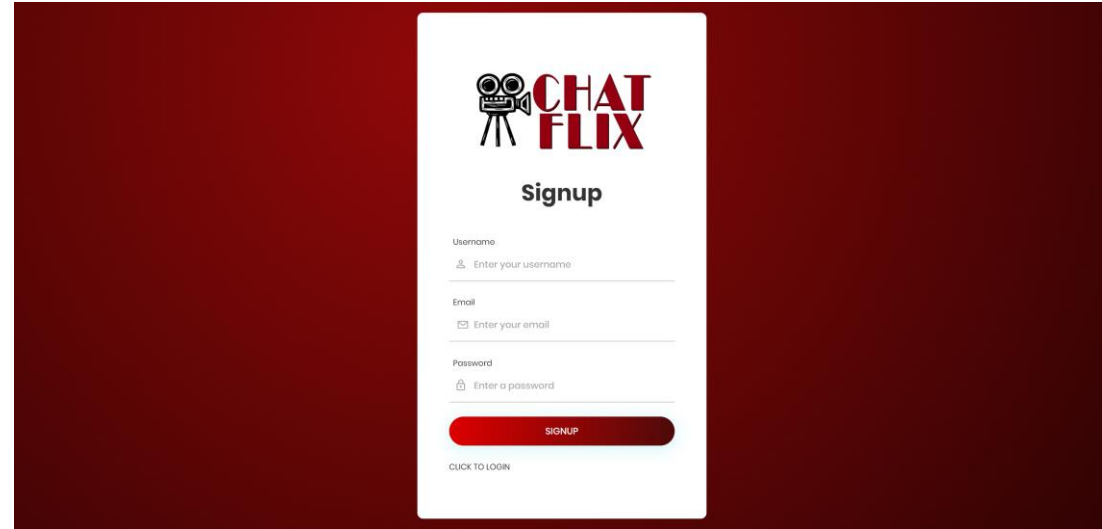 GitHub Master, Lead Frontend Developer, Full-Stack Developer

Motivation and Target Audience

- Chatflix is a social network which aims to replace media giants like IMBD and Rotten Tomatoes with its simplistic design. It is a virtual community of pop culture fanatics and "binge watchers" can *chat* with fellow enthusiasts about the TV series or major motion picture they have recently watched.

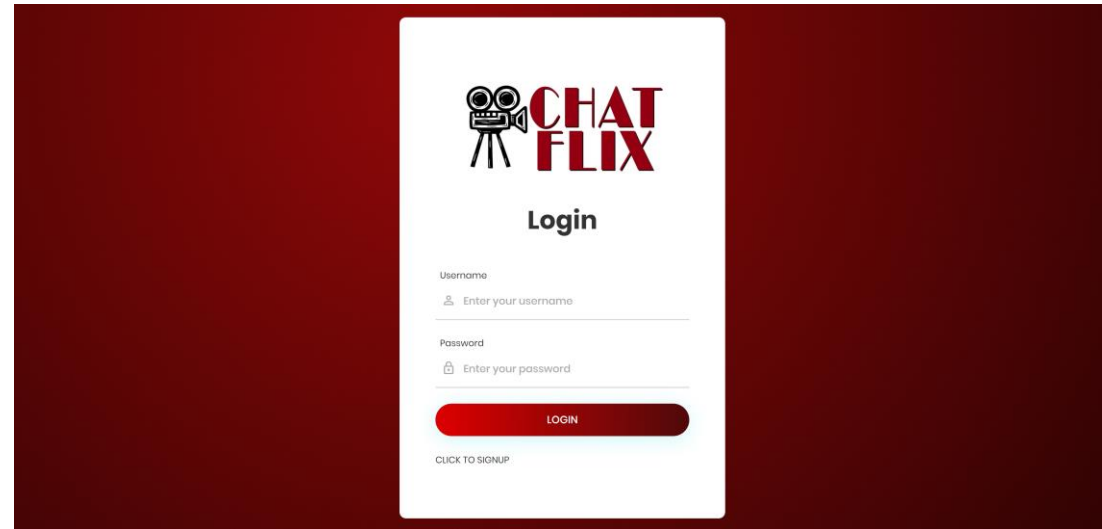# System Implementation Architecture

Sign Up and Log in

Home Page

View and Edit your Profile
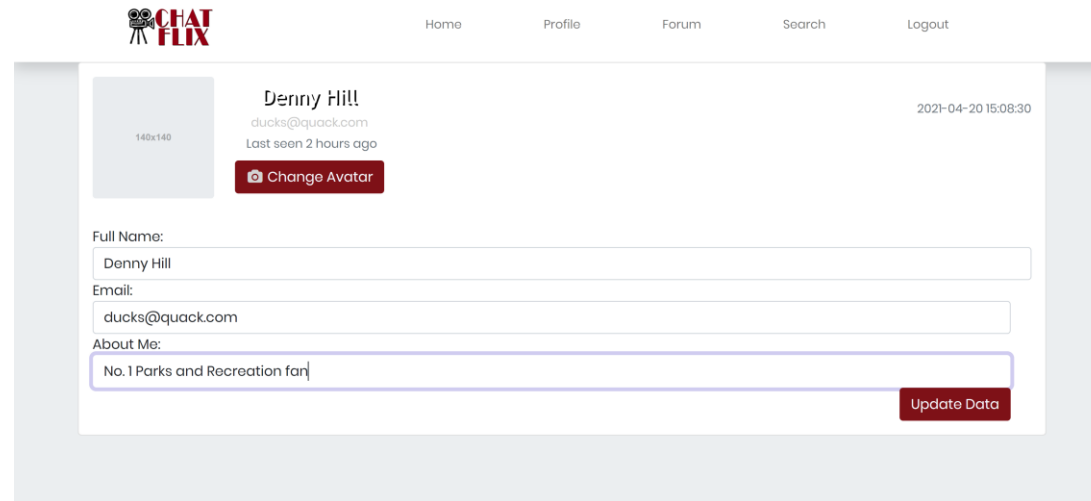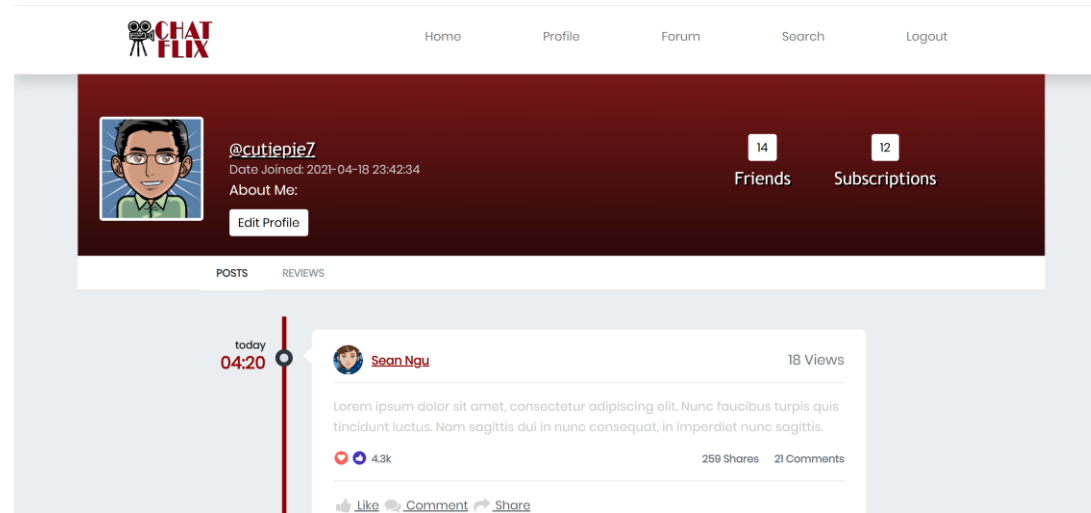
Search and Search Results

Series or Movie Information

Chatflix Forum and Threads
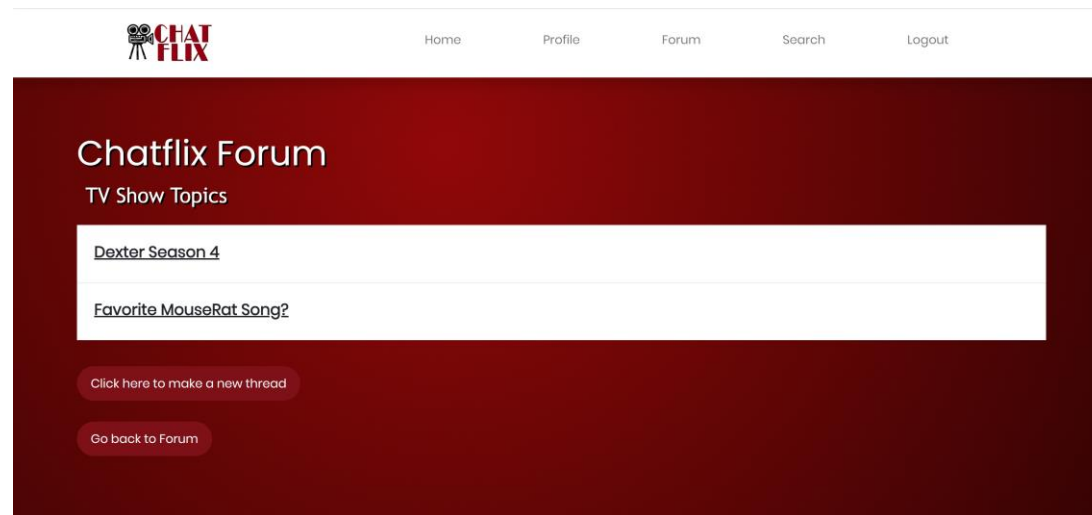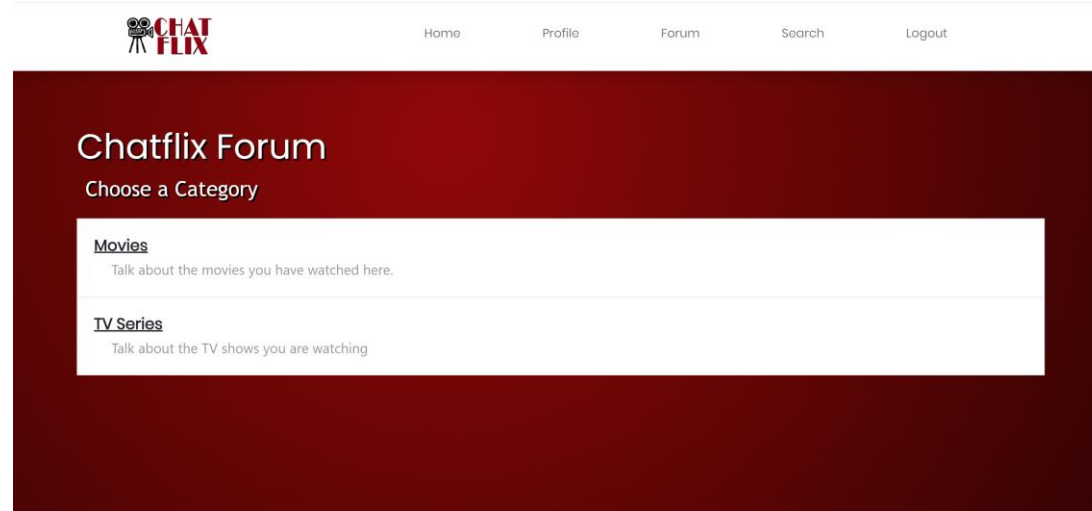
View and Post a Reply to a Thread

Chatflix Forum

TV Show Topics

Favorite MouseRat Song?

Posted by cutiepie7

Bye-bye Lil' Sebastian, you're 5000 candles in the wind :'(

Replies:

Post a Reply

Go back to Threads Page
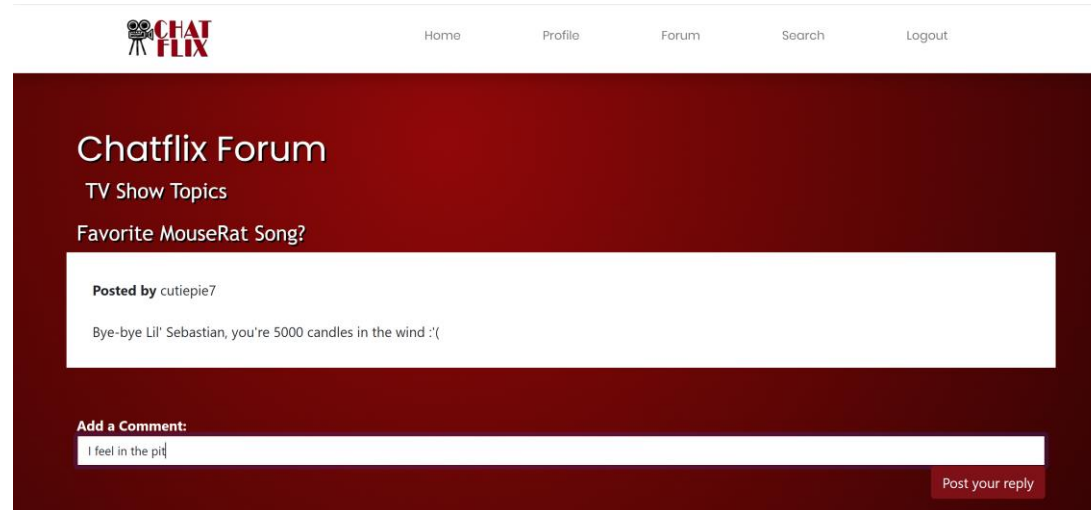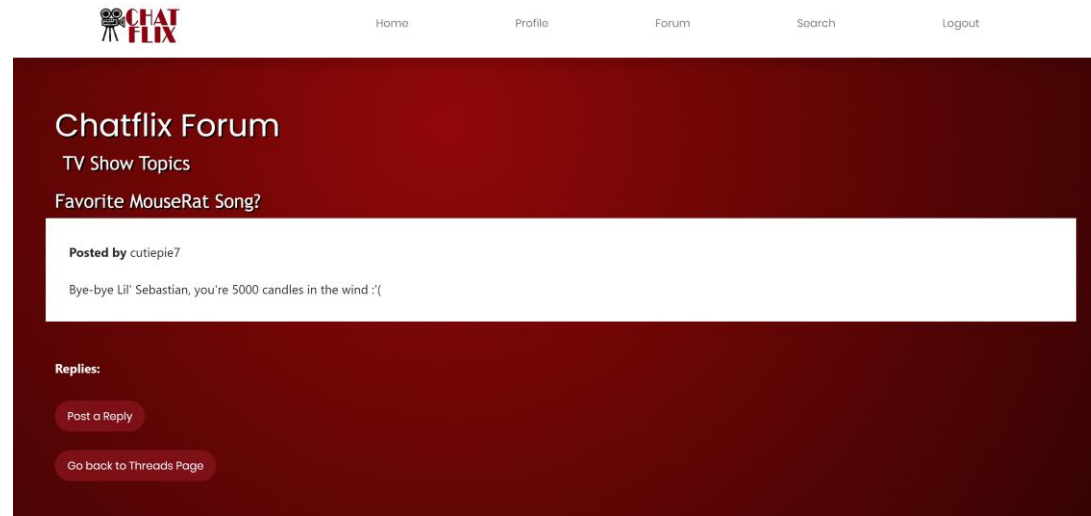
Home   Profile   Forum   Search   Logout

Chatflix Forum

TV Show Topics

Favorite MouseRat Song?

Posted by cutiepie7

Bye-bye Lil' Sebastian, you're 5000 candles in the wind :'(

Add a Comment:

I feel in the pit

Post your reply

Create a New Thread

Non-Functional Requirements

Performance	
NFR01	The system's home page supporting 3000 users per hour must provide a response time of 3 seconds or less.
NFR02	Interactions with the navigation bar should take one second or less.
NFR03	Searching the catalog must take one second or less.
Capacity and Scalability	
NFR04	The system must store data effectively, and storage must increase as the system gets used more often.
NFR05	The system must be able to process 1000 queries per minute.
Availability	
NFR06	The system must be available 91% during the month.
Maintainability	
NFR07	Latest standards and designs must be used for the system's base architecture. Common coding styles must be used.
NFR08	The system must implement modular programming.
Recovery	
NFR09	The system must backup data every hour. Backup must take one minute or less.
Security and Privacy	
NFR10	The system must use encryption to store data securely.
NFR11	Users must be logged in to see posts and profiles.
Mobility	
NFR12	The system must support the following browsers: Chrome Safari Firefox

Completed Features

- Registration and Log In with Password Encryption

- Customizable User Profile

- Search Catalog

- Discussion Forum

Future Features

- Add Friends/Friends list

- View another User's Profile Page

- Home Page Activity Feed

- Customizable Profile Theme (i.e., avatar, color scheme)

- Rate a Series or Movie

- Subscribe to a Forum or Thread

- Like or Dislike a Post

These features could not be implemented due to time allotted for project and number of available resources.

Lessons Learned and Knowledge Gained

Incident/Risk	Lesson Learned
Too many features to implement in a limited time frame.	Prioritize the features and implement a few of the most important features.
Poor quality of vertical prototype.	Increase estimation time for development.
Missed deadline for Beta launch.	Allot more time for testing and deployment.
Key staff is unavailable at critical times.	Develop contingency plans in case staff is unavailable. Create tasks which have less dependency on other team member's tasks.

Thank you

- Thank you to Dr. Shihong Huang and TA Nataliia Neshenko for their support and guidance through the development of this project.