Software Systems Lab Project

E-Commerce Application

Team Oracle(Team 4)

Second Year CSE

INTRODUCTION:

The project involves the development of an E - Commerce Application for online sale of movies. The application uses a paid version of peer to peer network where everyone can buy as well as sell movies.
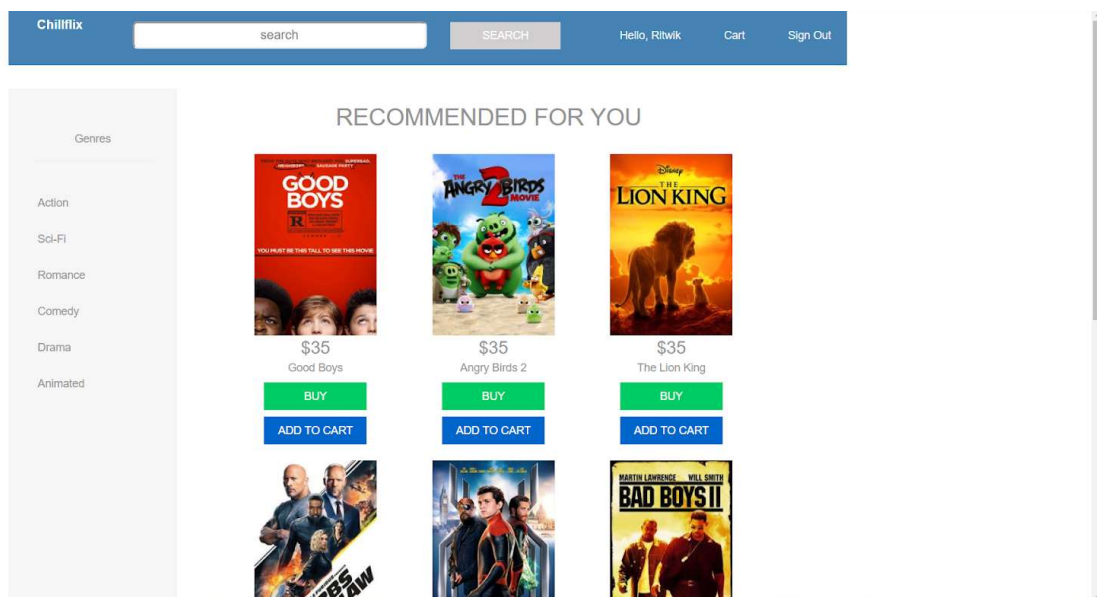
LOGICS USED:

1. The search algorithm: The search-phrase entered will be searched through the movie database and return the relevant searches having top search being most relevant. The algorithm involves associating keywords to movies and later matching the entered search phrase through the database movie titles and thus sorting based on relevance.
2. The recommended algorithm: Based on the previous purchases of the user, the recommended section will then recommend 9 other movie titles where the algorithm uses the keywords(as mentioned in the search algorithm point) to recommend the user with the movies.
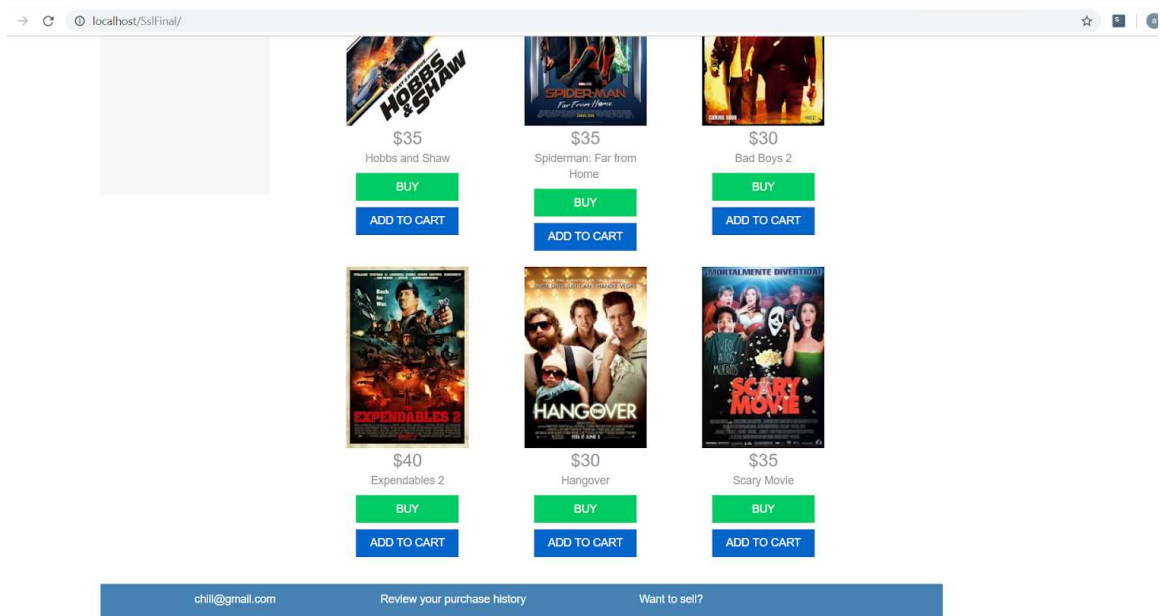
LANGUAGES AND TOOLS USED:

1. HTML
2. CSS
3. PHP
4. JavaScript
5. MySQL

HOMEPAGE FLOW:

1

1. Search Bar: to enter the search phrase.
2. Search button: leads to search page.
3. Cart: Displays all the items added to cart.
4. Signout: Ends user session.(later onclick leads to a signin page for the user to sign in)
5. Genres on the sidebar: displays all the movies of the genre.
6. Image: It leads to a product description page that gives out details about the movie which are available
7. Buy: It leads directly to payment page with a single item.
8. Add to Cart: Adds product to the cart

9. Review your purchase history: Displays all the products purchased previously(used for recommendation)
10. Want to sell? : gives user an option to sell a movie.

2

Team Members

1. Shreyas Sathe(180010033)
2. Amogh Dasture(180010014)
3. Ritwik Singh(180010028)

3