MOVIE STREAMING PLATFORM

AN INTERNSHIP REPORT

Submitted by

MALHAR KANTIBHAI GADHIYA

190110107016

In partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

Computer Engineering

G. H. Patel College of Engineering & Technology, Anand

Gujarat Technological University, Ahmedabad

April, 2023

G. H. Patel College of Engineering & Technology

Bakrol Road Vallabh Vidyanagar, Anand, Gujarat – 388120

CERTIFICATE

This is to certify that the internship report submitted along with the project entitled **Movie Streaming Platform** has been carried out by **Malhar Kantibhai Gadhiya (190110107016)** under my guidance in partial fulfilment for the degree of Bachelor of Engineering in Information Technology Engineering, 8th Semester of Gujarat Technological University, Ahmedabad during the academic year 2022-23.

Prof. Sneh Vyas   Dr. Maulika Patel

Internal Guide   Head of the Department

Certificate

rapidops
DRIVEN BY IMPACT

Dt: 25th April 2023

Internship Ongoing Letter

To whomsoever it may concern

This is to confirm that **Mr. Malhar Gadhiya** is currently working with Rapidops Solutions Pvt. Ltd. as an **Intern in the Web Development department** under the guidance of Mr. Ravindra singh. Malhar has been with us since 13th February 2023 and will continue to work till 13th August 2023.

During his time with us, Malhar has shown great enthusiasm for their work and a willingness to learn. We have been impressed by their ability to complete tasks on time and their attention to detail.

Regards,

Rapidops Solutions Pvt. Ltd.

G. H. Patel College of Engineering & Technology

Bakrol Road Vallabh Vidyanagar, Anand, Gujarat – 388120

DECLARATION

We hereby declare that the Internship report submitted along with the Internship **Movie Streaming Platform** submitted in partial fulfilment for the degree of Bachelor of Engineering in Information Technology to Gujarat Technological University, Ahmedabad, is a Bonafide record of original project work carried out by me at Rapidops Solutions Pvt. Ltd. under the supervision of **Ravindra Singh** and that no part of this report has been directly copied from any students' reports or taken from any other source, without providing due reference.

Name of the Student   Sign of Student

1   Malhar Kantibhai Gadhiya

ACKNOWLEDGEMENT

First, I want to express my gratitude to **Ravindra Singh**, the Training Specialist at **Rapidops Solutions Pvt. Ltd.**, for offering me valuable guidance throughout my internship.

I also would like all the people that worked along with me at **Rapidops Solutions Pvt. Ltd.** with them patience and openness they created an enjoyable working environment. It is indeed with a profound sense of pleasure and immense sense of gratitude that I acknowledge the help of these individuals.

I am highly indebted to **Dr. Maulika Patel** and Principal **Dr. Kaushik Nath,** for the facilities provided to accomplish this internship. I would like to thank my Head of the Department **Dr. Maulika Patel** for his constructive criticism throughout my internship.

I would like to thank **Prof. Sneh Vyas** Internal Guide of internship from Department of Computer for their support and advice to get and complete internship in above said organization. I am extremely great full to my department staff members and friends who helped me in successful completion of this internship.

Malhar Kantibhai Gadhiya

190110107016

ABSTRACT

A Movie Streaming Platform is a web application that allows users to watch their favorite shows on their devices with the help of the internet. This app offers a library of movies and TV shows, which can be streamed on the end-user's demand or desire.

Movie streaming apps are bringing users closer to cinema . Movie Streaming Platform enables users to view videos online without having to download them. movie streaming platform content can include movies, TV shows, Anime,series.

A movie streaming platform is an online service that allows users to stream movies and TV shows on-demand. These platforms offer a wide variety of content, including new releases, classics, and original programming.

Users can typically access the platform through a web browser or mobile app and are charged a monthly subscription fee to access the content. Movie streaming platforms often use algorithms to recommend content based on a user's viewing history and preferences.

These platforms have become increasingly popular in recent years, as more people turn to online streaming for their entertainment needs.

List of Figures

List of Tables

List of Tables

Table of Contents

Chapter 1: Overview of the Company

1.1 Introduction

Rapidops is one of the fastest-growing digital, data, and AI companies in the US. Since 2008, They are trusted by industry leaders, unicorns, and entrepreneurs to build mission-critical software platforms and solutions. They have delivered billions in revenue and created category leaders. Whether it is a new product opportunity, a multi-year transformation initiative, or a tough data challenge, they turn complexity into clear strategy, focus on the right problems and build future-proof products - all while creating value for both end customers and business in weeks not months.

1.2 Products and Services

Salesmate - SaaS CRM Software -

The sales operating system that enables every business to organize, automate, and optimize their sales and customer journey their way. It needs to power every frontline sales team to engage prospects, win more deals, automate busywork, and improve their performance.

1) **Comprehensive pipeline visibility -** Gain complete visibility on your sales pipeline with best CRM software. Salesmate CRM makes it easier for you to prioritize deals and pick them off vigorously. Stay clog-free with your pipeline, focus on hot and high-value deals, and meet your sales quota faster. You can also create multiple pipelines for different product lines to suit your company's requirements.

2) **Manage interactions -** Efficient communication with the client without any slipup is necessary for sales. The more efficient the communication is, greater are chances to close a deal faster. Manage and track all your email interactions with your clients/ prospects at a single place and stay updated. Give your business new heights with automatic follow up and feedback emails with Salesmate CRM.

3) **Built-in phone system with SMS -** Initiate and receive more sales calls from within your CRM system using Salesmate built-in calling feature. Buy virtual numbers, assign them to your sales reps and get insightful call reports from sales CRM software.

4) Enable mobile sales - Spending more time on the field? Travel frequently for meetings or work? Salesmate mobile CRM keeps you connected with opportunities by giving you 24X7 access to crucial information. Respond to queries in real-time and foster customer relationships with this mobile-friendly sales tool. Turn deadtime into productive hours by instantly accessing and analysing sales data on the fly.
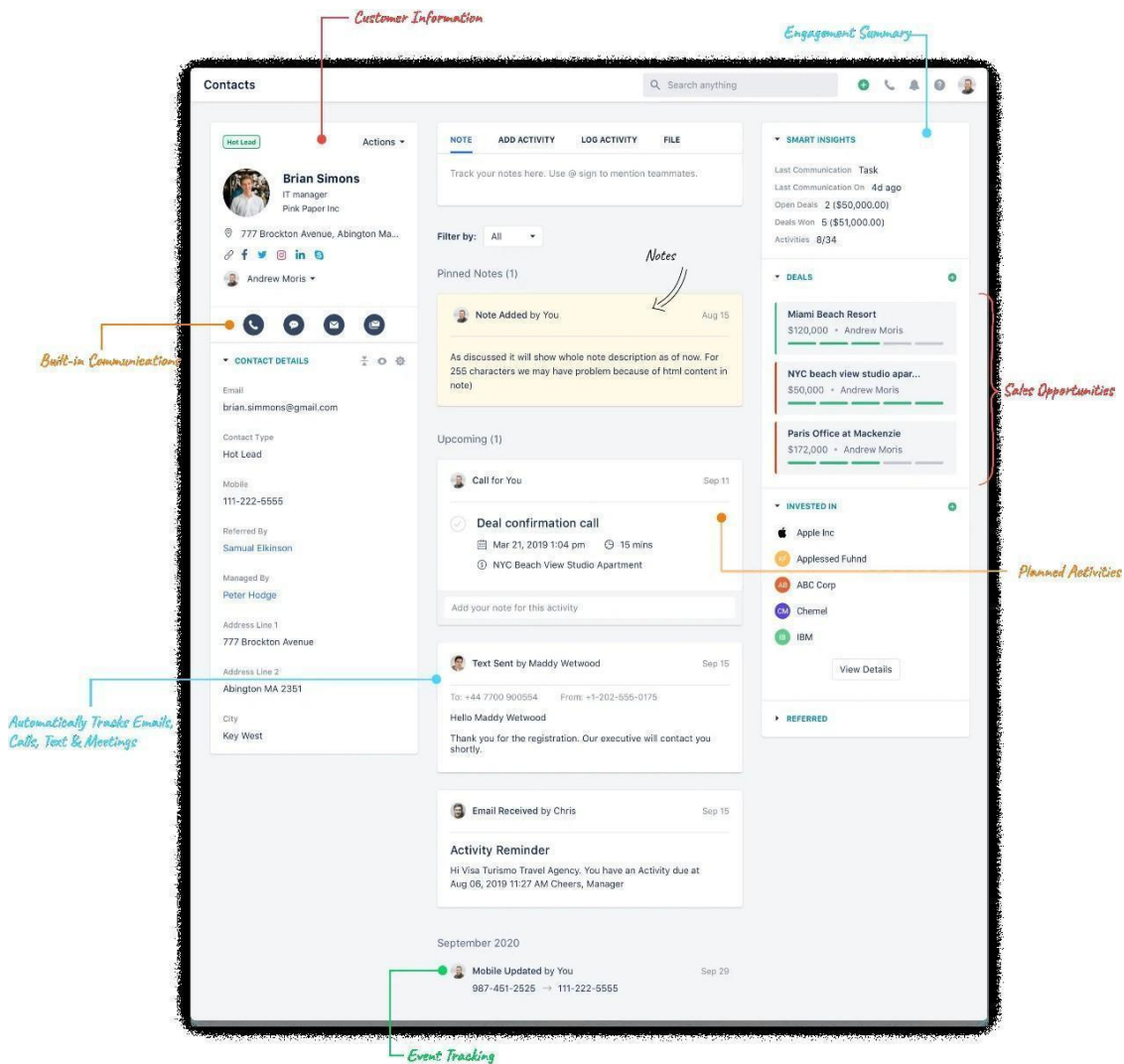

Figure 1.1 - Salesmate CRM Software

Rapidops also provide services in other areas too like Digital Transformation, Digital Strategy, Data Analytics & AI, Experience Design, Product Development, Mobile Development, Web Development, DevOps Automation. They are developing the products related to Retail, Manufacturing, Supply Chain, Healthcare Industries.

Chapter 2: Different unit and Process of the organization

2.1 Different Departments

There are multiple departments in Rapidops Solutions. Some of them are listed below -

1) **Digital Transformation -** Digital revolution is pushing businesses of every size and shape in all industries to reimagine their strategy and growth. With a continuous focus on digitization, automation, and customer experiences, the need for digital reinvention has expanded rapidly. It has become a non-negotiable requirement to find new growth and competitive advantage.

2) **Digital Strategy -** Rapidops leverages its expertise in technology, market research, customer experiences, and data analytics to help global businesses devise disruptive strategies for their mission-critical digital opportunities. Tap into their best minds to bring new product ideas and growth plans to life. Whether it is launching new initiatives or reinventing your business, their global team of thinkers, makers, and doers work with your executives, employees, and customers to deeply understand your vision and customer needs and translate them into digital strategy, prototypes, architectures, roadmaps, and execution plans.

3) **Data Analytics & AI -** As an end-to-end data and AI partner, Rapidops helps their clients discover new opportunities, design future-proof data strategies and build solutions that turn as-is data (of any shape, size, or structure) into knowledge and actionable intelligence. It helps automate processes, create personalized experiences, make better decisions, and achieve a competitive edge.

4) **Experience Design -** Rapidops helping companies solve complex problems with purposeful product and experience design. Their team has developed some of the most powerful experiences that connect physical and digital worlds enabling seamless customer journeys for millions across the web, mobile, IoT, and in-person interactions. With design-first thinking and over a decade long expertise, they discover and deliver customer-centric products that create satisfied customers, deliver business results, and reduce cost in as few as 4 weeks.

5) **Product Development –** Rapidops is one of the few companies in the world that have end-to-end expertise to turn ideas into impactful products and platforms. They have

created category leaders, unicorns, and headline makers. They have built their own successful Software-as-a-Service business with thousands of customers and millions in revenue.

6) **Mobile Development -** Since 2008, they have partnered with multiple startups and enterprises across the world to launch award-winning mobile applications. Their apps touch hundreds of millions of users and have created multi-million-dollar revenue channels for their customers and counting.

7) **Web Development -** With their full-stack expertise and battle-tested agile approach, they help companies excel at each stage of the web product development lifecycle to start shipping success in as few as 3 weeks. That is why companies like Kroger, Harris Teeter and Dassault Systems turns to us to build the new-class of web-enabled products, services, and digital platforms.

8) **Devops Automation -** Their experts can automate environment provisioning, configurations, testing, monitoring, and software deployments with the top open-source tech, industry best practices, and cloud infrastructure. The result - faster, responsible, and radically efficient market delivery of every digital initiative.

2.2 List of Technical Specifications

1) HTML
2) CSS
3) JavaScript
4) Angular
5) React JS
6) Node JS
7) Express JS
8) MongoDB
9) Cockroach DB
10) MySQL
11) Kafka
12) Docker
13) Kubernetes
14) Python
15) Google Cloud Platform
16) Java
17) AWS
18) Azure
19) Flutter
20) React Native

Figure 2.1 List of Technical Specification

2.3 Sequence of operation for manufacturing of product

In our company, we use agile methodology to implement the software or product in which software is delivered into distinct phases. Each phase has some new features in it. Each phase is easy to develop and manageable in a brief period.

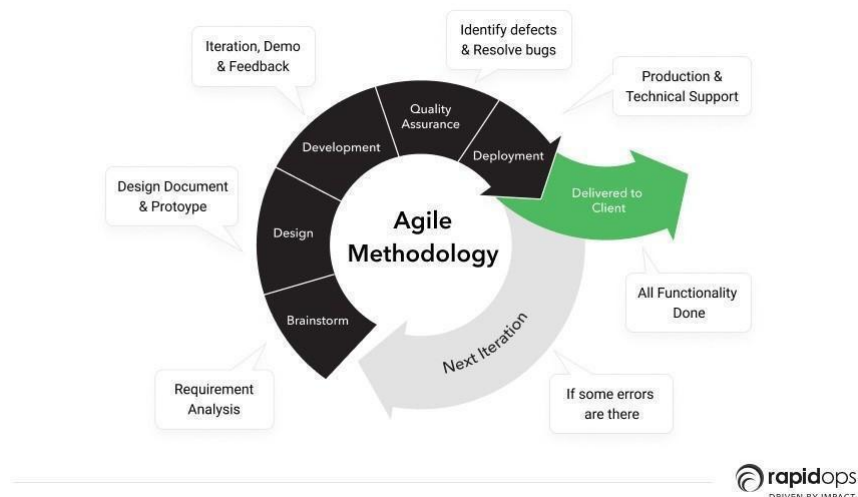So, a diagram of sequence of the operation is given below.

Figure 2.1 Agile Methodology

Agile methodology was developed to counter highly structured, inflexible, and complicated methods such as Waterfall. With Agile, developers can accommodate changes at will during their two-week sprint and build software at a much faster pace.

Agile methodology

1) prioritizes individuals and their interactions over tools
2) features customer collaboration throughout the development process
3) responds to change instead of following a rigid plan
4) focuses on presenting a working software over documentation

Under this approach, the development teams develop software in short sprints. Each of them has a defined duration and deliverables list. However, there is no order for the deliverables. During these sprints, the development team works toward delivering a tested and completely

2.4 Different Stages of The Production

The main stages of production are as per below -

1) **Requirement analysis** - Gather software requirements based on customer and stack-holder feedback.

2) **Planning** - Based on requirements make teams and arrange tools to optimized production of software.

3) **Design** - Design UI/UX of software with involvement of user and stack-holder.

4) **Implement** - Start implementation based on designing of software or product.

5) **Testing** - Do testing of complete product or software with all functionalities and do QA (Quality Assurance) for the complete product.

6) **Feedback** - Accept feedback from customer who use these product and work on it in next phase of software.

Chapter 3: Internship Management

3.1 Overview:

Our system aims at providing users to view videos online without having to download them from anywhere and compatible with any device (like mobile ,laptop etc.).This system contains many types of shows like movies, TV shows, anime,and series.This system provides that users can make a list of his movies to watch on another day and add the movie to their favorite list.This system provides that users can search movies , TV shows by their name & by actors name who play roles in movies and users can see which show is popular and in trending right now.This system provides recommendation to users according which is selected by user This system provides that users can post comments on movies , but can not write vulgar words.

3.2 Purpose:

Movie streaming platforms aim to meet the needs and preferences of a broad range of users by offering a diverse selection of content, including new releases, classics, and original programming. They also use algorithms to recommend content to users based on their viewing history and preferences, making it easier for them to discover new titles that they might enjoy.

3.3 Objective:

The objective of this project is to provide a vast library of movies and TV shows to attract and retain users: Movie streaming platforms aim to offer a diverse selection of content to cater to the different tastes and preferences of their users. By doing so, they can attract new users and keep their existing ones engaged and satisfied.

3.4 Scope/Application:

The project utilizes a combination of ReactJS, ContextAPI, ChartJS to build the frontend part of the application and Speechly to take commands through the speech of the user to make the entry. It will also use MongoDB to save the data even if the application is closed.

3.5 Technology Used:

- HTML
- CSS
- JavaScript
- React Js
- Node Js
- WebAPI
- MongoDB

3.6 Internship Planning:

3.6.1 Project Development Approach:

- I used agile methodology to implement this website.
- Agile modeling is a methodology for modeling and documenting software systems based on best practices.
- Agile methodology overcomes the risk of spending a lot of time if there are any changes required.
- This provides a clear outcome with a focused goal and in an incremental way.
- Customer satisfaction with rapid, continuous delivery of useful software.
- People and interactions are emphasized rather than processes and tools.

  - Working software is delivered frequently.

  - Face-to-face conversation is the best form of communication.

  - Close, daily cooperation between businesspeople and developers.

  - Continuous attention to technical excellence and clever design.

  - Regular adaptation to changing circumstances.

3.6.2 Internship efforts and time:

3.6.2.1 Training phase

- HTML
- CSS
- JavaScript
- React JS
- Node JS
- Ubuntu
- Git/GitHub

3.6.2.2 Development phase

- Planning project structure
- Develop Front-end
- Develop Back-end
- Testing & fix bug
- Change & improve quality of code

3.6.3 Role assigned to me during the internship:

- I am working as a Web-Development Intern.
- Get Basic concept of all required technology in project
- Work with HTML, CSS, JavaScript, ReactJs and Node JS
- Design frontend for website
- Testing and fixing bugs in website

3.7 Internship Scheduling:

- Internship is divided into two phases -
  1) Training Phase
  2) Development Phase
- I spent two months training time.
- And two to three weeks for developing and testing websites.
- And after those weeks we will work on live product of our company.

Chapter 4: System Analysis

4.1 System Feasibility and Problem:

4.1.1 Current System Study and Problem:

Viewing our project from a technical point of view (thinking about various tools and technologies being used in developing the system). We have decided that following technologies will be more than enough to develop a complete working system (including tech. & tool used for project tracking, monitoring etc. along with development).

For Front End: **React JS**
For Back End: **Node Js , Express**
Database: **MongoDB**

We are equipped with basic workflows of each tool and tech. and capable to explore further if required. Each of the above technologies is freely available and some of the skills are yet to be learnt but it is manageable. From this, it is clear that our project is technically feasible.

4.1.2   System Feasibility

4.1.2.1 System Contribution

Movie streaming platforms have made it easier for users to access a vast library of movies and TV shows on-demand, without the need to purchase or rent individual titles. This convenience and flexibility have made it possible for users to watch their favorite content whenever and wherever they want.

Movie streaming platforms use algorithms to analyze user data and provide personalized recommendations based on viewing history and preferences. This personalization has made it easier for users to discover new content that they may enjoy.

4.1.2.2 System Implementation:

The movie streaming platform will require a reliable and scalable technical infrastructure to support the delivery of content to users. This will involve setting up servers, content delivery networks (CDNs), and other necessary components to ensure that the platform can handle the volume of traffic and content delivery.

4.1.2.3 System Integration:

- Content management system (CMS): A content management system is needed to manage the platform's content. The CMS will enable the platform's administrators to upload, categorize, and organize the content for users to access.
- Video encoding and transcoding: Video encoding and transcoding are necessary to ensure that the content is delivered in a format that is compatible with the user's device and internet connection. Video encoding involves compressing the video file to reduce its size, while transcoding involves converting the video file to a different format.
- Payment gateway: A payment gateway is required to handle transactions for user subscriptions, rentals, and purchases. The payment gateway must be integrated into the platform to enable users to make payments seamlessly.

4.2 User Characteristic:

1. Tech-savvy: Users of movie streaming platforms are often tech-savvy and comfortable using digital devices and software.
2. Mobile-first: Many users access movie streaming platforms through their mobile devices. Therefore, platforms need to be optimized for mobile devices to ensure that users can access content seamlessly on the go.
3. Cost-conscious: Movie streaming platforms offer a cost-effective alternative to traditional cable or satellite TV. Users of these platforms are often cost-conscious and may be looking to save money on their entertainment expenses.
4. Variety seekers: Users of movie streaming platforms are often looking for a diverse range of content to watch. Platforms that offer a wide selection of movies and TV shows are more likely to attract and retain users.

4.3 System Features:

Sign Up Page -

A sign-up page should have a prominent sign-up form, social media integration, links to terms and conditions and privacy policy, and a captcha to prevent spam. Confirmation emails and promotional offers can also be included.

Login Page -

A login page for a movie streaming platform should have fields for the user's email and password, a "forgot password" link, a button to log in, and an option to stay logged in.

Home Page -

A home page for a movie streaming platform should showcase popular and recommended content, offer easy navigation to different categories and genres, provide search functionality to find specific titles, and display personalized recommendations for the user.

4.4 Technology: Type your text

HTML, CSS, Javascript, React is used for frontend of this website.

Node Js is used for Back-end of this website.

WebAPIs is used to fetch data of

For Code of this website, I used VS Code editor.
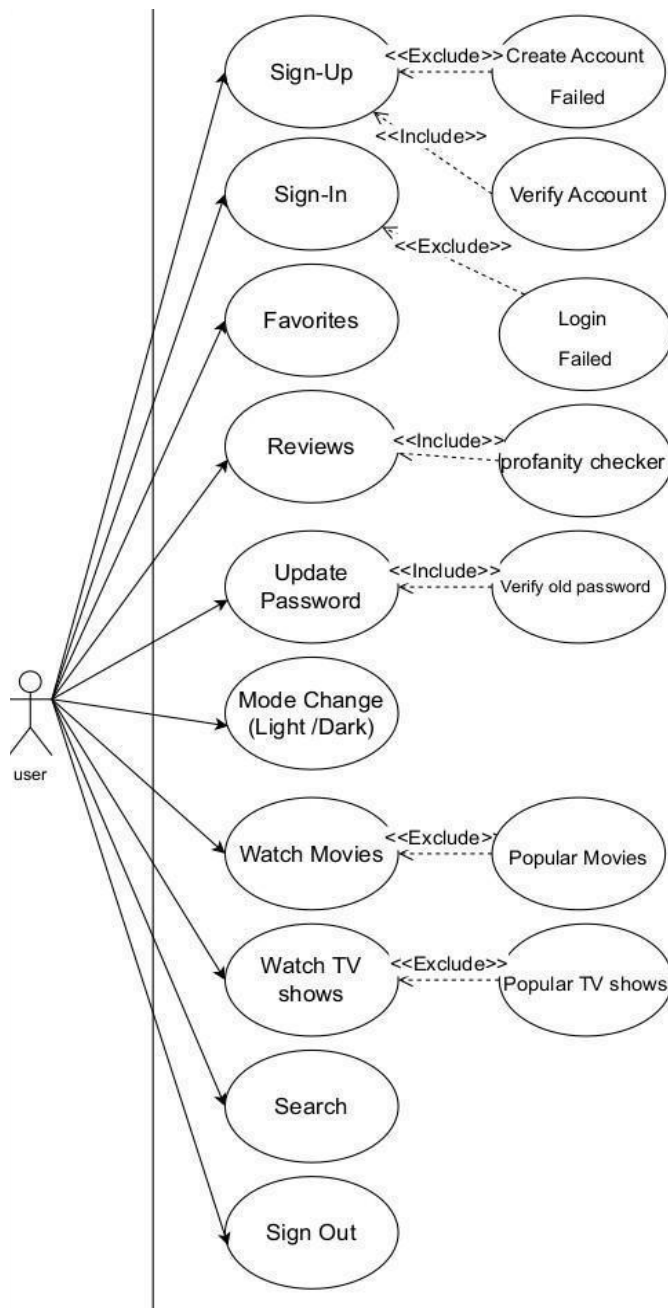
Chapter 5: System Design

5.1 Use Case Diagram:
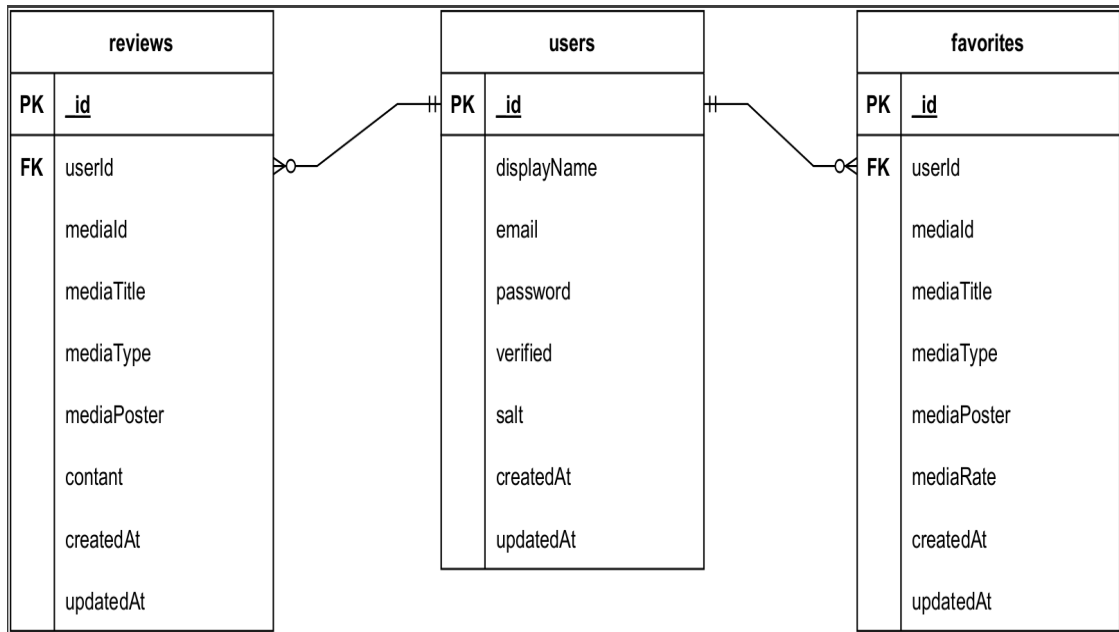

Figure 5.1 Use case Diagram

5.2 E-R Diagram:

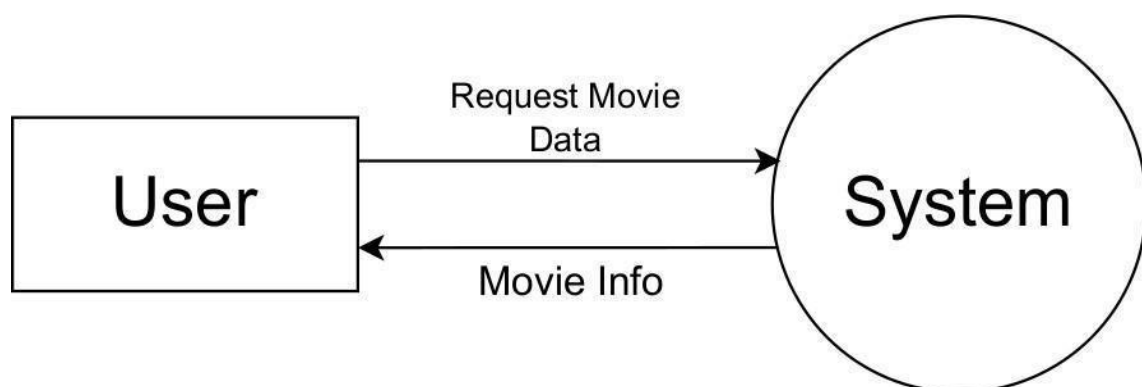*Figure 5.2 E-R Diagram*

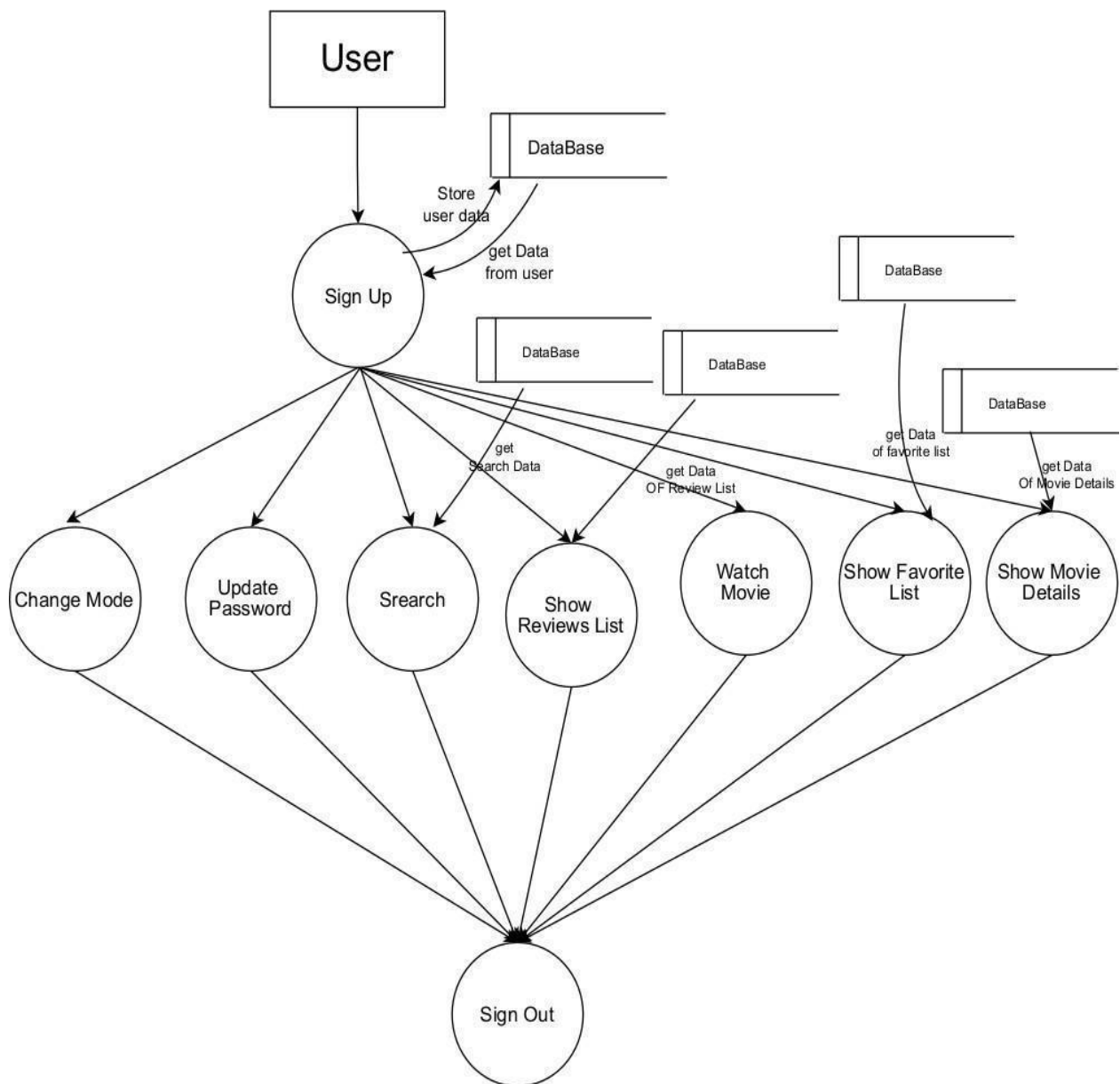## 5.3 Data-Flow Diagram:

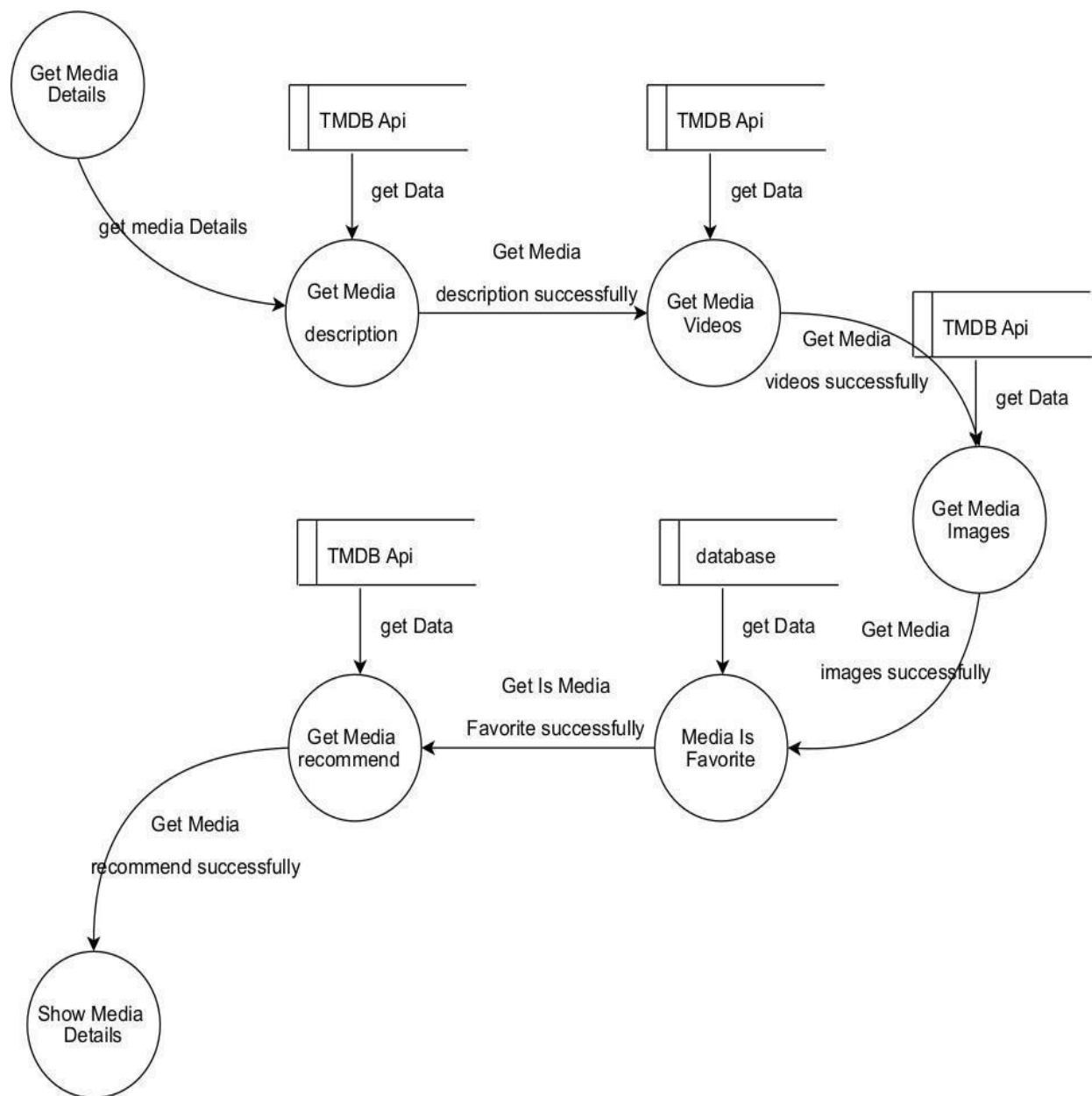*Figure 5.3.1 Level-0*

Figure 5.3.2 Level-1

Figure 5.3.3 Level-2
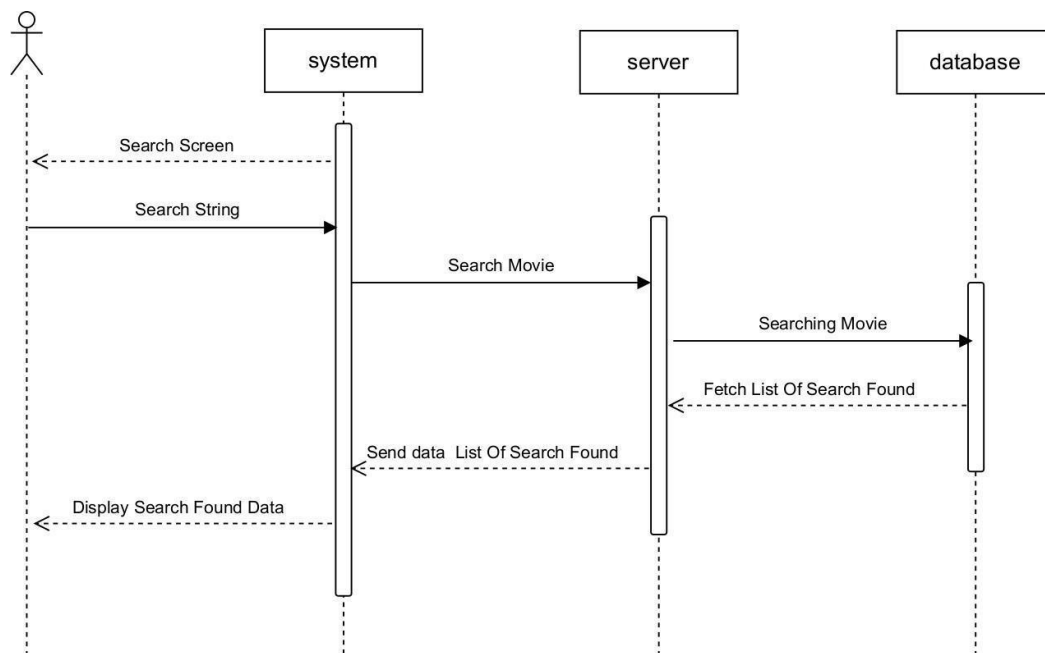
5.4 Sequence Diagram:

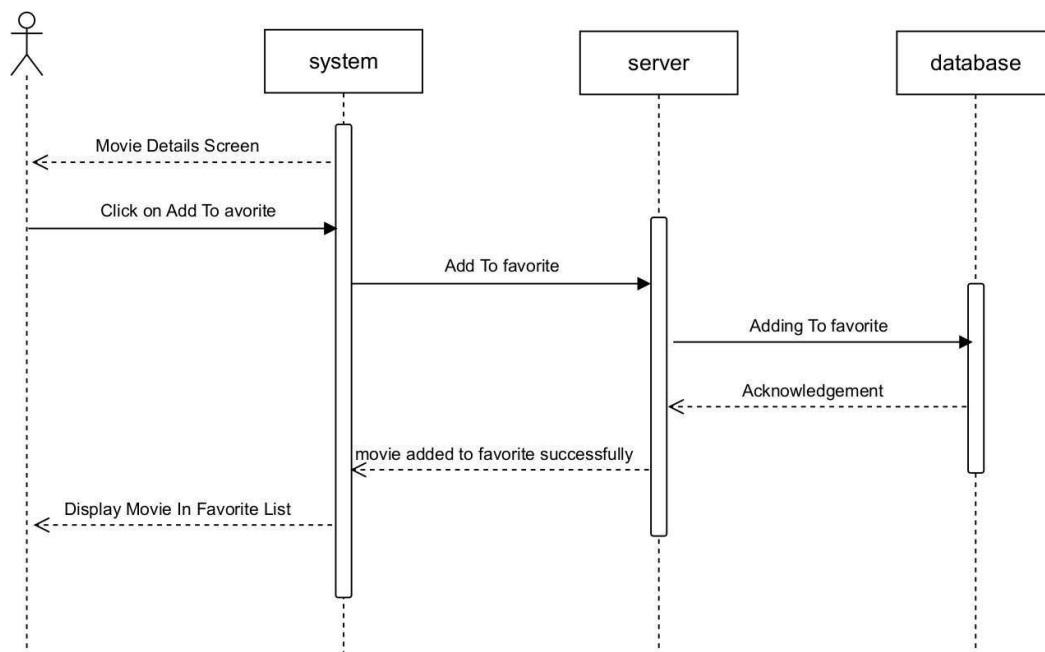*Fig 5.4.1 Sequence Diagram-Search*

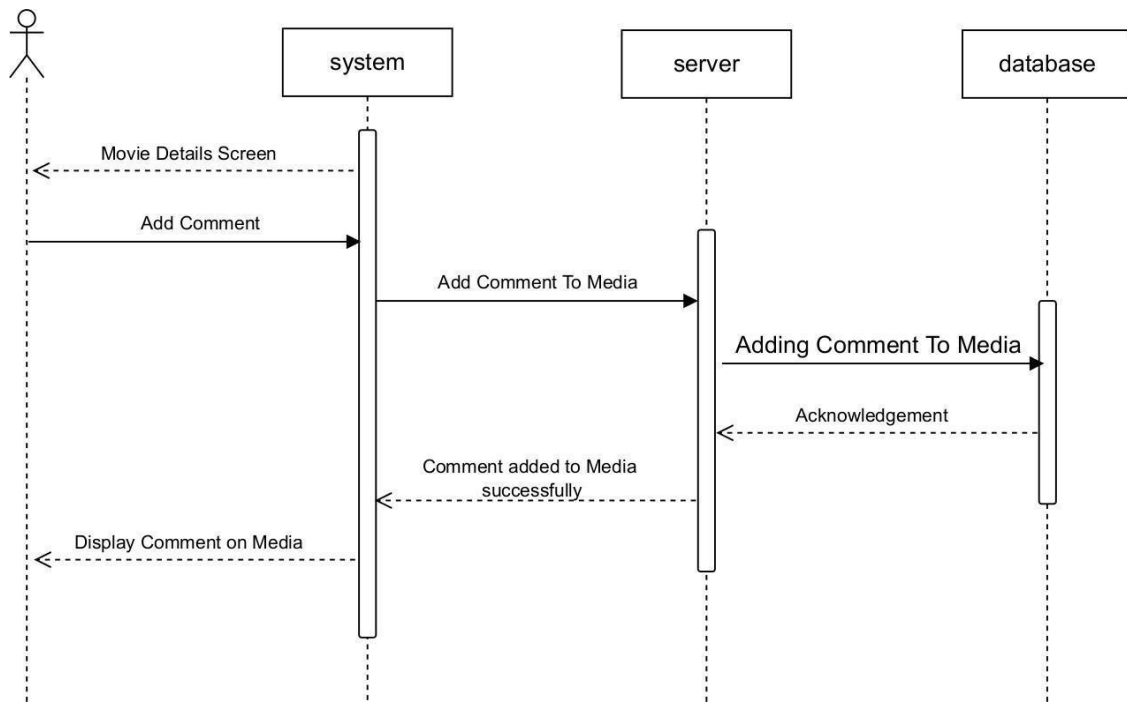*Fig 5.4.2 Sequence Diagram-Add to Favorite*

Fig 5.4.3 Sequence Diagram-Add comment
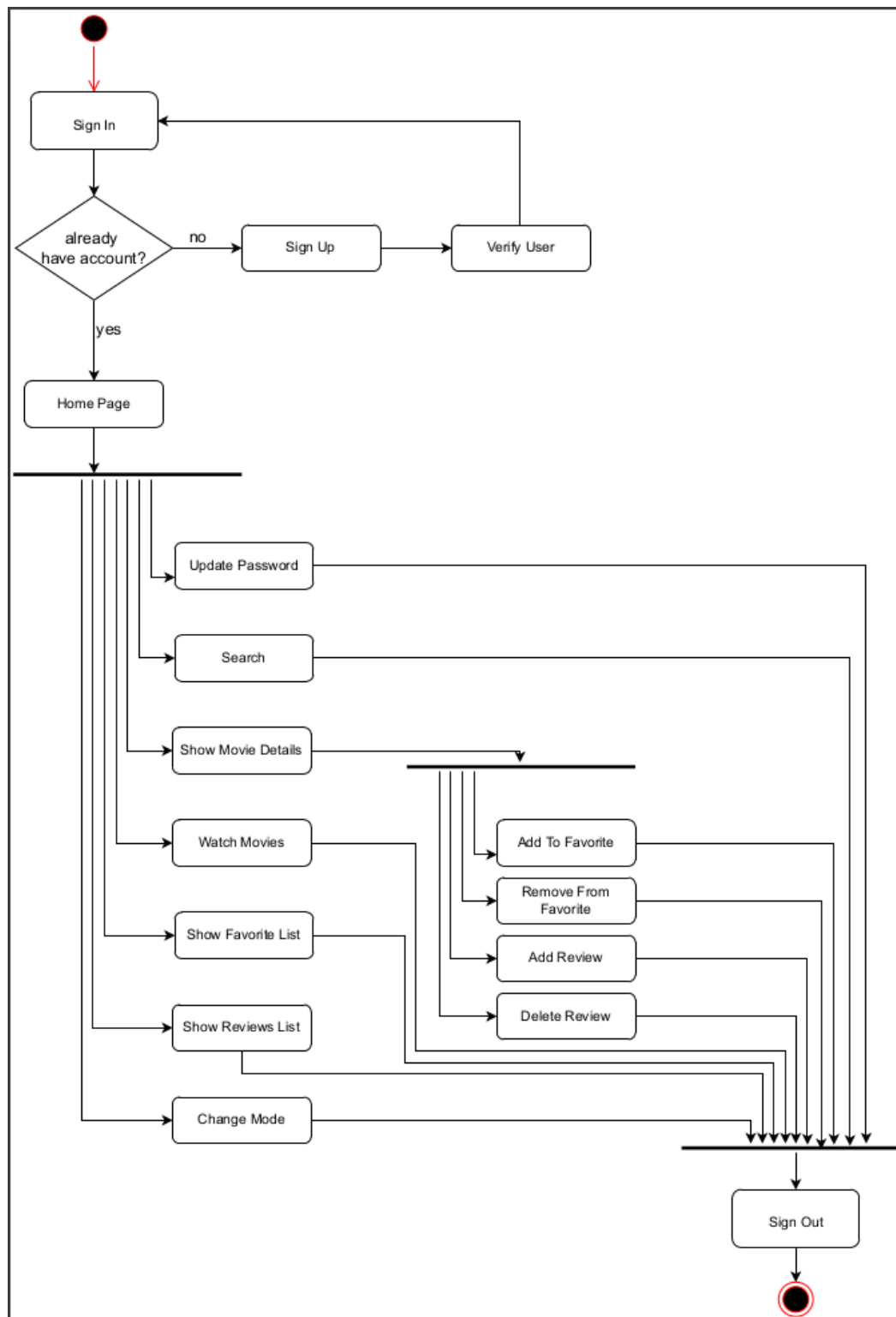
5.5 Activity Diagram:

Fig 5.5 Activity Diagram

Chapter 6: Implementation

6.1 Introduction to Project:

- Firstly, I was assigned to practical and assignment of different technology to show skill level on coding part.
- In training session, there some technology given by guide to learn for main project:

  1. HTML

  2. CSS

  3. JavaScript

  4. Ubuntu

  5. Git/GitHub

  6. React

  7. Node JS

- In this training session I learnt so many new things about technology which is very necessary in the implementation of a real project.

Movie Streaming Platform -

- After my training session, I was told to make this website using the above-mentioned technology.
- I am using techstack like JavaScript, React-App and Node Js Library, React Js Library , express ,MongoDB.

6.2 Implementation Platform / Technology:

6.2.1 Implementation Platform:

1. **Visual Studio Code (VS Code):**

- Visual Studio Code was first announced on April 29, 2015, by Microsoft at the 2015 Build conference.
- Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git.
- Visual Studio Code is a source-code editor that can be used with a variety of programming languages, including Java, JavaScript, Go, Node.js, Python and C++.
- It is based on the Electron framework, which is used to develop Node.js Web applications that run on the Blink layout engine.

6.2.2 Technology:

1. **HTML, CSS, JavaScript:**

- HTML and CSS are used in frontend of website to make user friendly interface.
- JavaScript is used to develop interactive web applications. JavaScript can power features like interactive images, carousels, and forms.
- JavaScript allows you to make a website more interactive, from automatically updating content to creating animated graphics and resizing elements on a website.

2. **React:**

- React is an open-source JavaScript library developed by Facebook for building user interfaces for web and mobile applications. It is a popular front-end framework that allows developers to create reusable UI components and build dynamic and responsive web applications.
- React uses a component-based architecture, where each component is a self- contained and reusable piece of code that can be easily combined to create complex UIs.
- React components are written using JSX (JavaScript XML), a syntax extension that allows developers to write HTML-like code within their JavaScript code.

3. MongoDB and ExpressJS:

- MongoDB is a non-relational document database that provides support for JSON-like storage. The MongoDB database has a flexible data model that enables you to store unstructured data, and it provides full indexing support, and replication with rich and intuitive APIs.

- Express is a node js web application framework that provides broad features for building web and mobile applications.

- It is used to build a single page, multipage, and hybrid web application. It's a layer built on the top of the node js that helps manage servers and routes

4. Ubuntu:

- Ubuntu is a Linux-based operating system.
- It is designed for computers, smartphones, and network servers.
- The system is developed by a UK based company called Canonical Ltd.
- All the principles used to develop the Ubuntu software are based on the principles of Open-Source software development.

5. NodeJS:

- Node.js is an open-source, cross-platform, back-end JavaScript runtime environment that allows developers to run JavaScript on the server-side.

- It uses an event-driven, non-blocking I/O model that makes it lightweight and efficient. Node.js is commonly used for building scalable, real-time web applications, server-side APIs, and command-line tools. It has a vast ecosystem of libraries and packages available on the npm (Node Package Manager) registry, making it a popular choice for web developers.

6.3 Data Dictionary

Following database is designed by us for demonstration purposes only. The actual database design is different from this and is not shared in this report for security purposes.

Database Tables:

Users:

Attribute	Data Type	Constraint	Description
_id	ObjectId	Unique	User Id
displayName	String	Not NULL	User Name
email	String	Not NULL	User Email
password	String	Not NULL	User Password
verified	Boolean	Not NULL	Is User Account Verified
salt	String	Not NULL	Safeguard Passwords in storage
createdAt	Date	Not NULL	Date & Time when User Created
updatedAt	Date	Not NULL	Date & Time when User Data Updated

Table 6.3.1 Users Table

Favorites:

Attribute	Data Type	Constraint	Description
_id	ObjectId	Unique	Favorites Id
userId	ObjectId	Not NULL	User Id
mediaId	String	Not NULL	Media Id
mediaTitle	String	Not NULL	Media Title
mediaType	String	Not NULL	Media Type
mediaPoster	String	Not NULL	Posters of Media
mediaRate	String	Not NULL	Rating of Media
createdAt	Date	Not NULL	Date & Time when Favorite Created
updatedAt	Date	Not NULL	Date & Time when Favorite Data Updated

Table 6.3.2 Favorites Table

Reviews:

Attribute	Data Type	Constraint	Description
_id	ObjectId	Unique	Review Id
userId	ObjectId	Not NULL	User Id
mediaId	String	Not NULL	Media Id
mediaTitle	String	Not NULL	Media Title
mediaType	String	Not NULL	Media Type
mediaPoster	String	Not NULL	Posters of Media
content	String	Not NULL	Comment on the Movie.
createdAt	Date	Not NULL	Date & Time when Favorite Created
updatedAt	Date	Not NULL	Date & Time when Favorite Data Updated

Table 6.3.3 Reviews Table

6.4 Outcomes and Results:

The snapshots of project are given below:
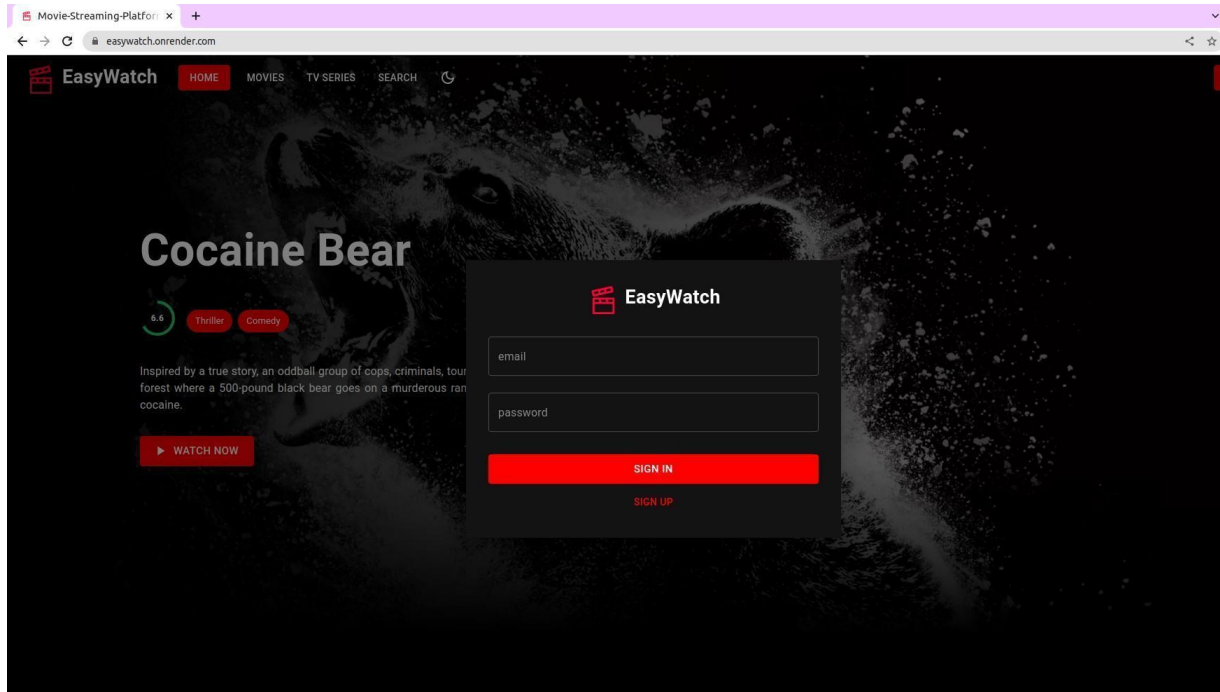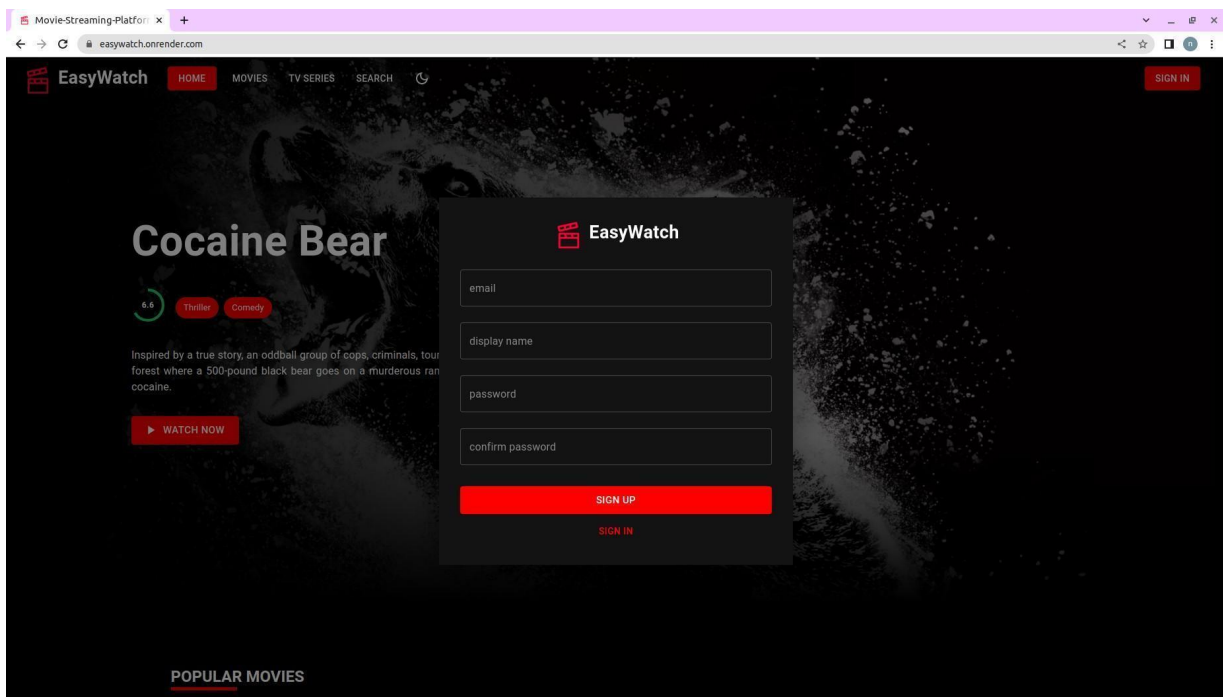

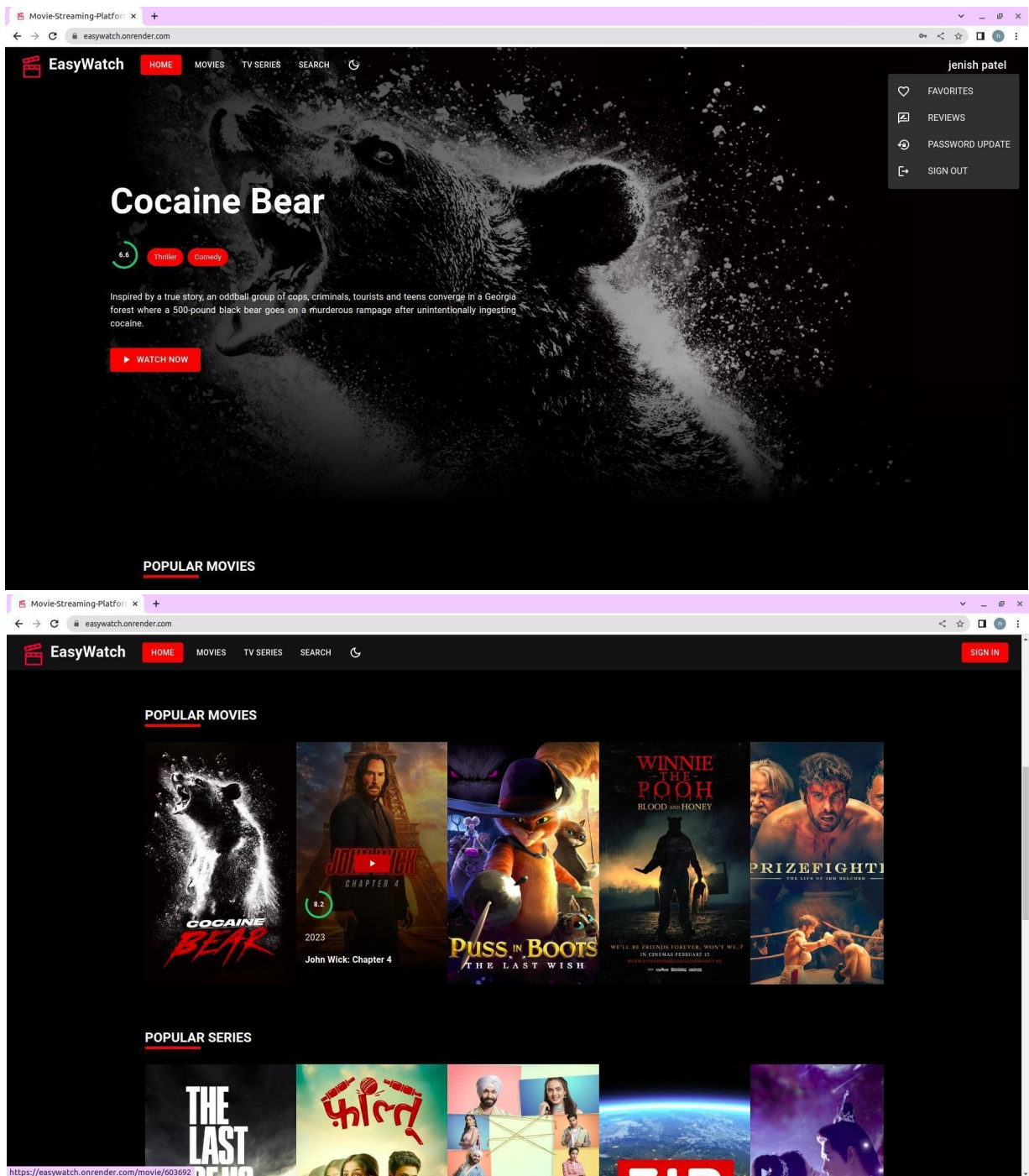*Figure 6.1 Sign In Page*

Figure 6.2 Sign up Page
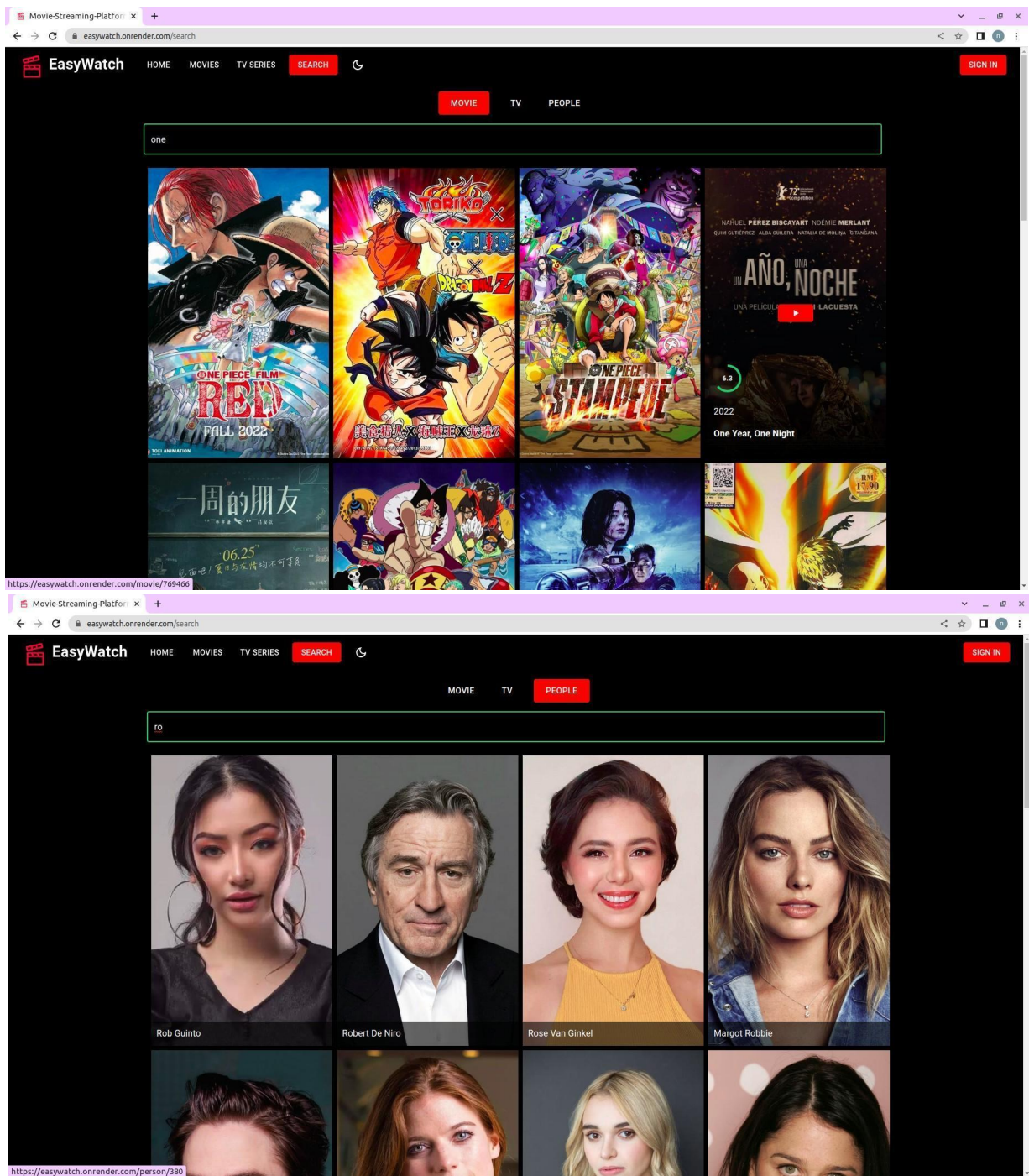
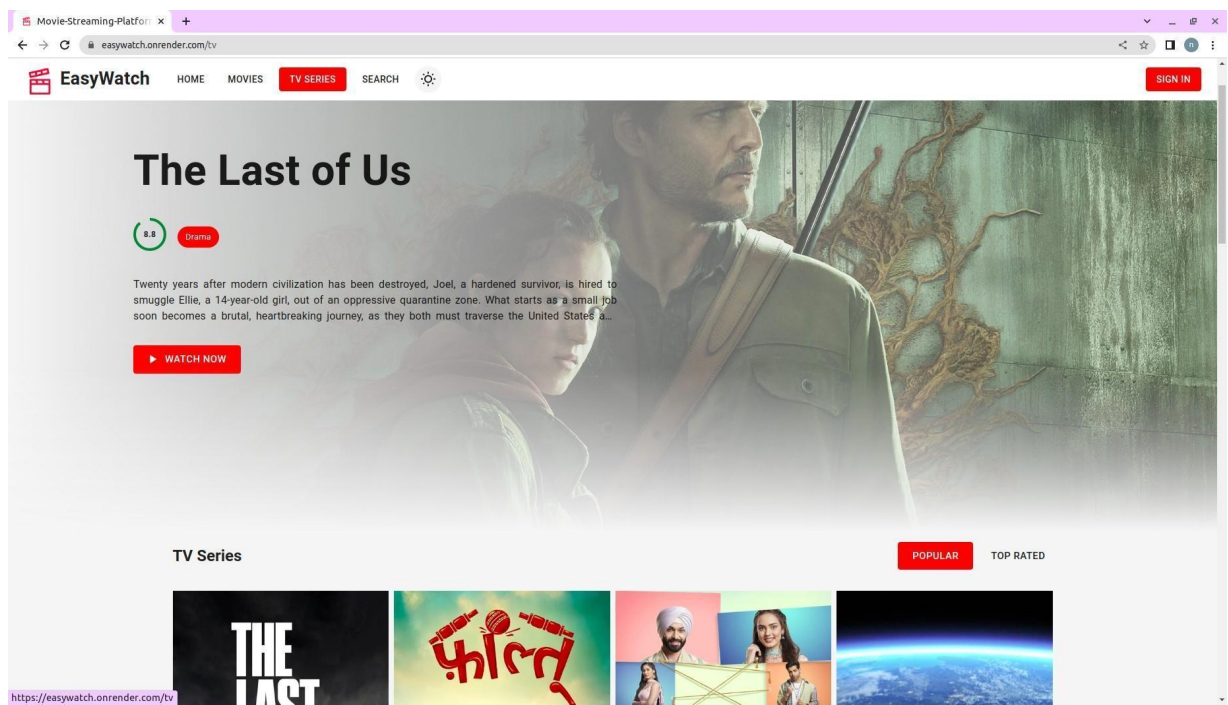*Figure 6.3 Home Page*
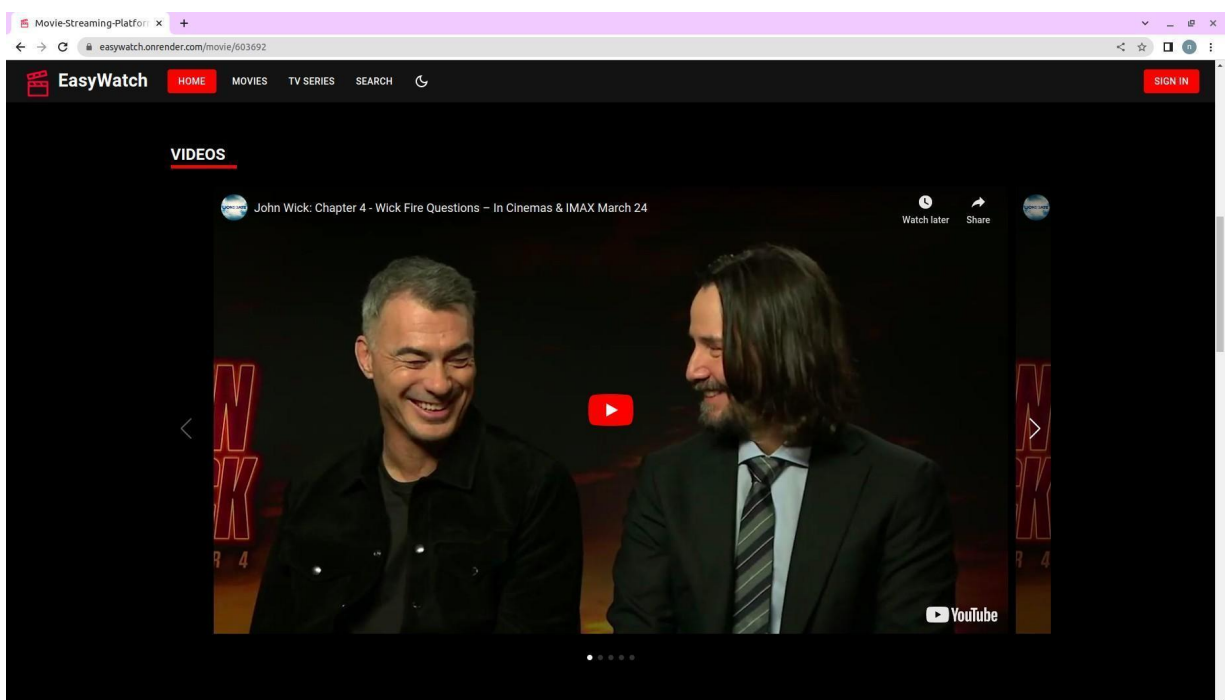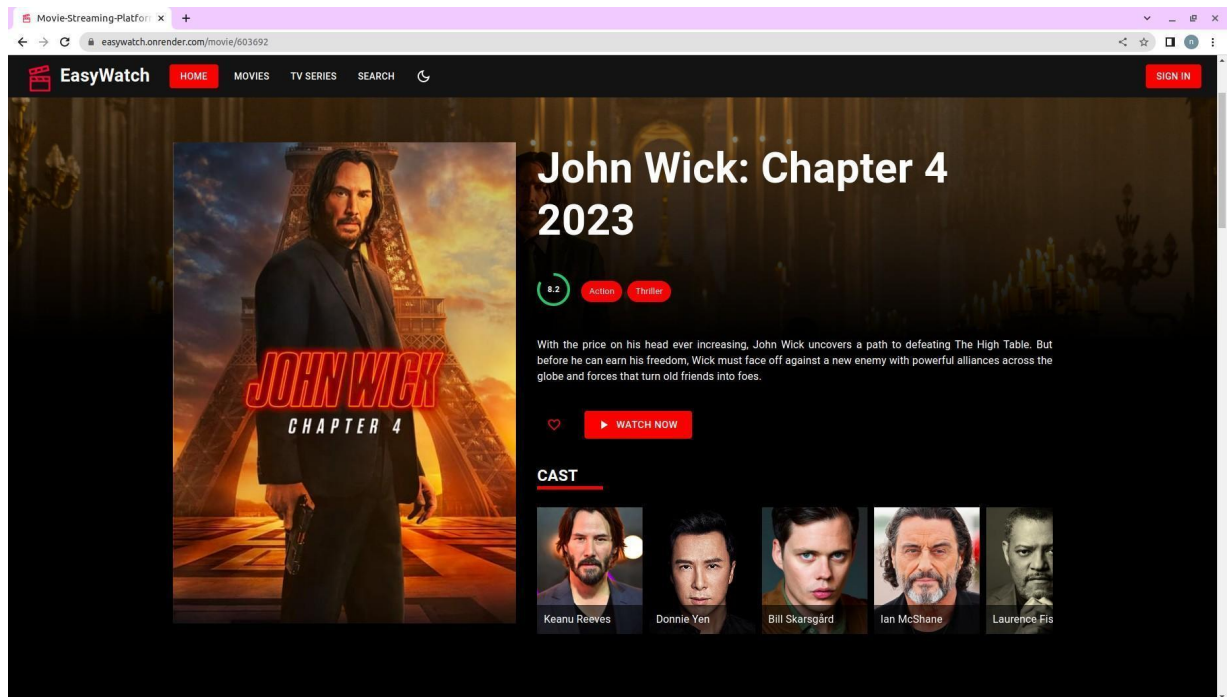
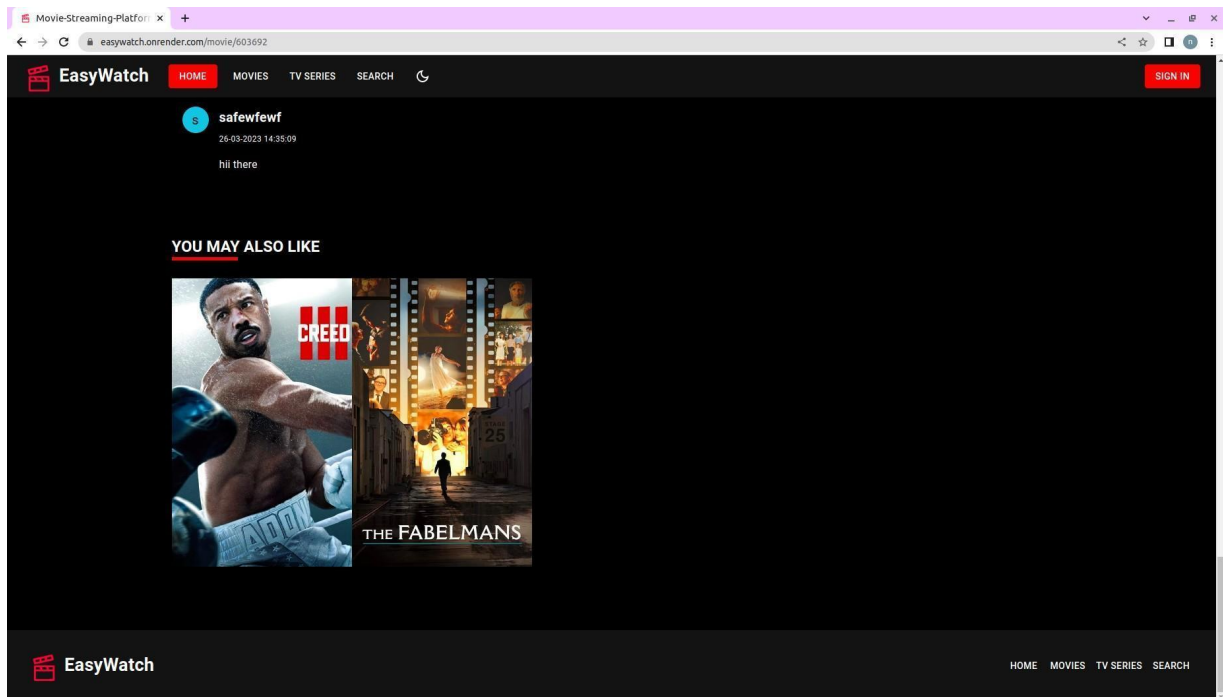*Figure 6.4 Search Movie/TV Shows/Actor Page*
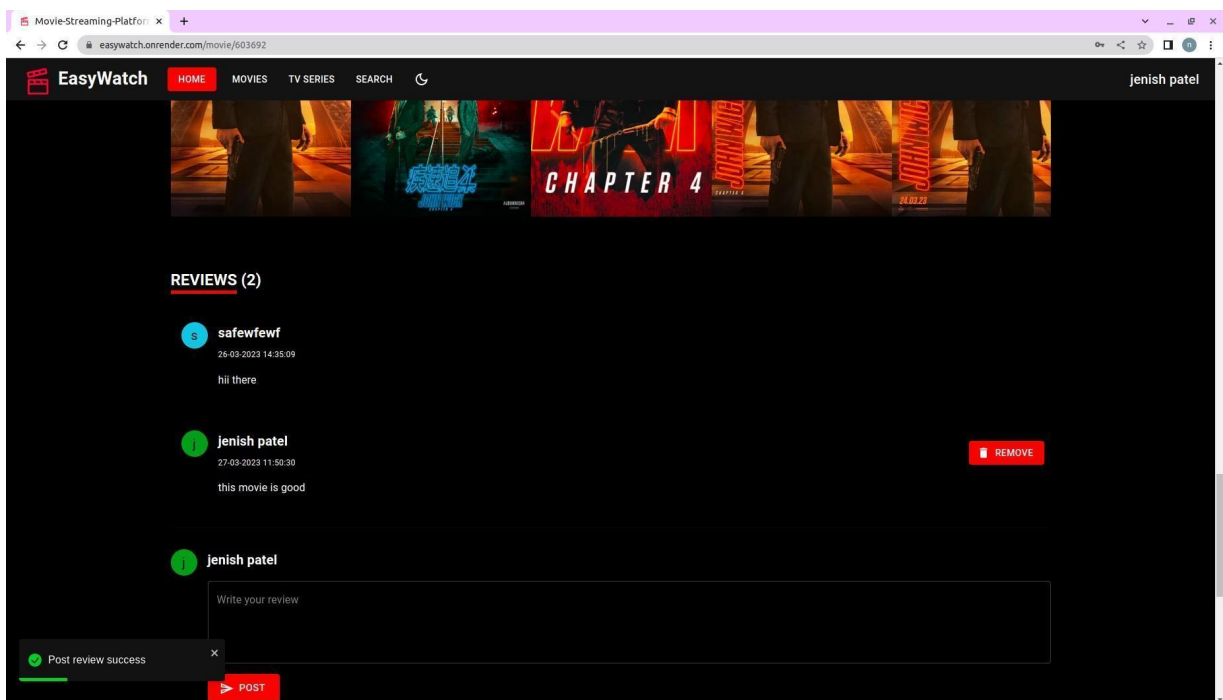
Figure 6.5 Dark/Ligtht Mode Page

Figure 6.6 Movie Details Page

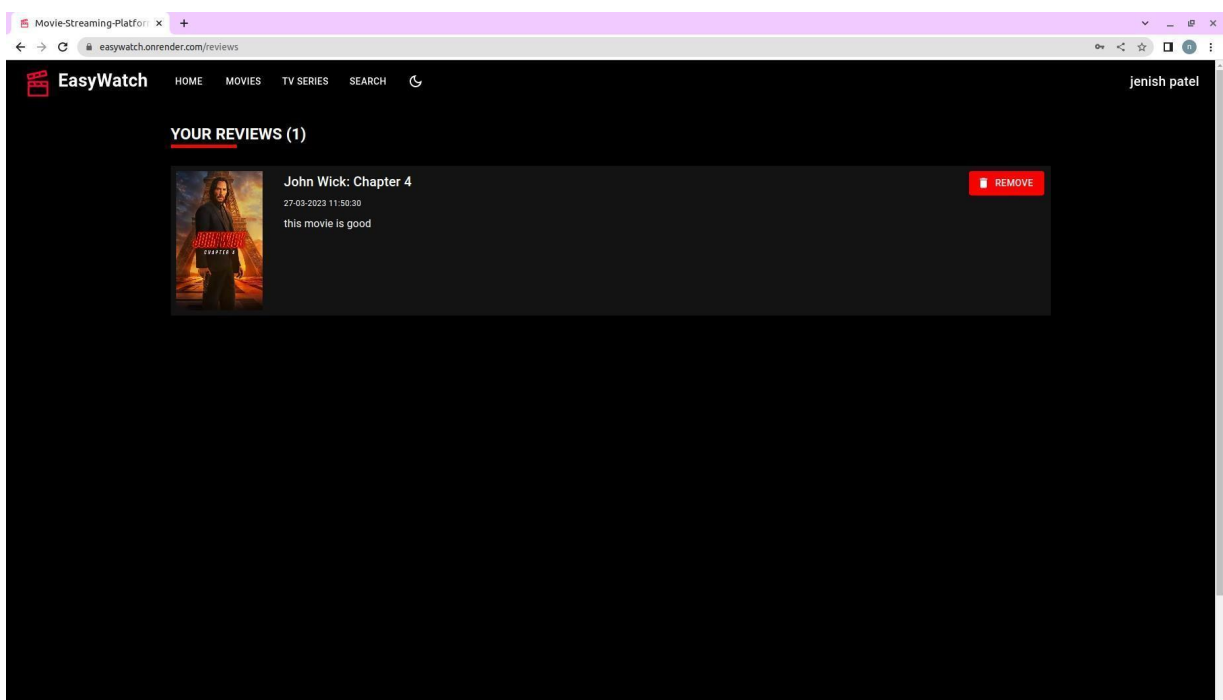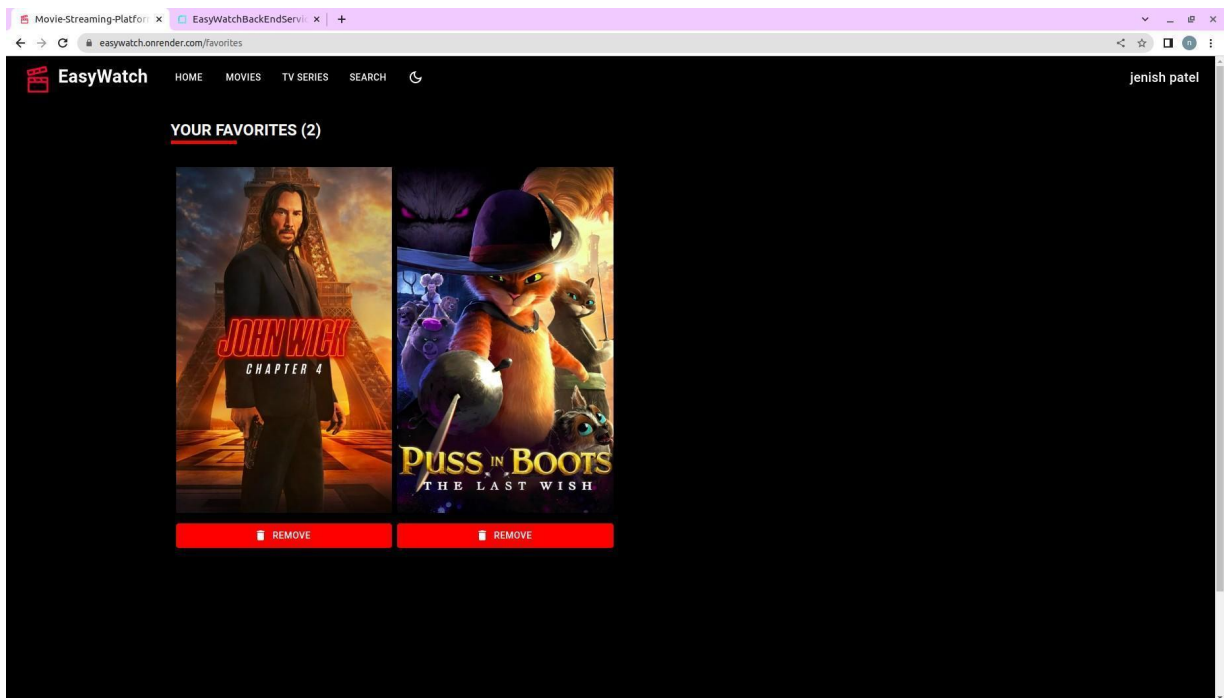*Figure 6.7 Add Reviews Page*

Figure 6.8 Reviews List Page

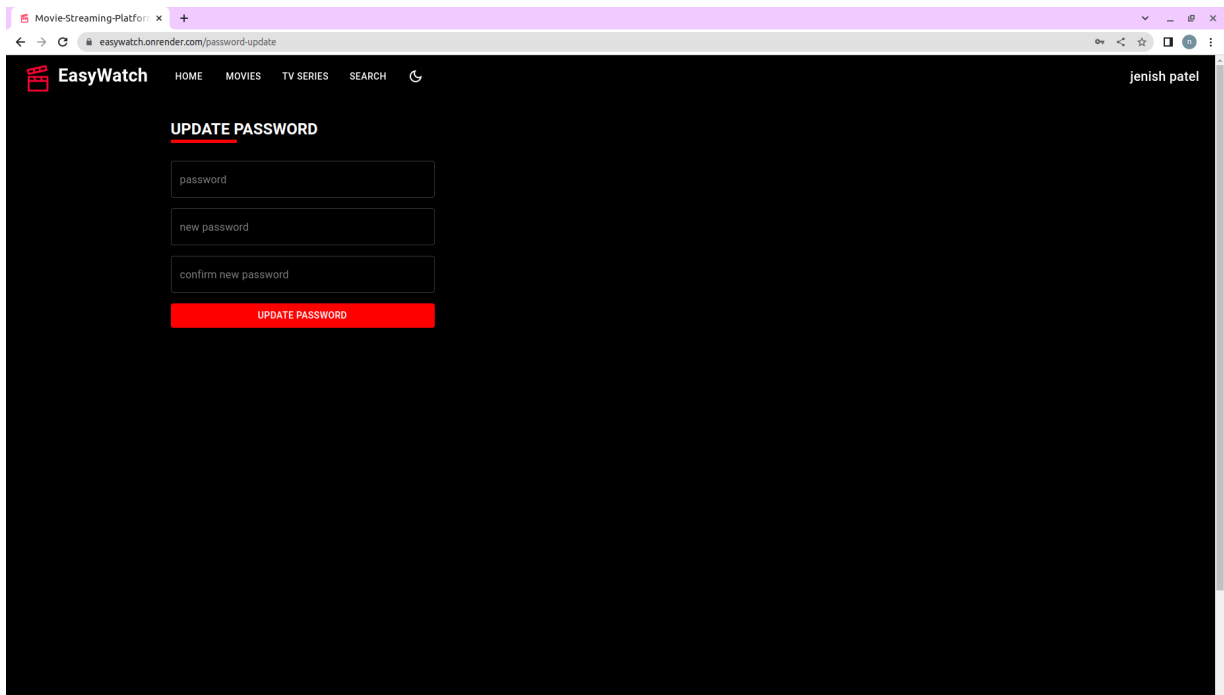*Figure 6.9 Favorites List Page*

Figure 6.10 Update password Page

Chapter 7: Testing and Verification

7.1 Testing Plan:

- The testing technique that is going to be used in the project is White box testing. In White box testing the Tester has knowledge about the internal structure of the code or the program of the software.

- White Box Testing:
- It is software testing technique in which internal structure, design and coding of software are tested to verify flow of input-output and to improve design, usability, and security
- Out of the 2 methods for testing, black box testing and white box testing, we would be using the white box testing as we are well aware of the internal functionalities of our application unlike in the black box testing

7.2 Testing Strategy:

- Unit Testing: It ensures that all code meets quality standards before it's deployed. Also, it detects software bugs earlier.
- Integration Testing: It tests whether the various programs that make up a system, interface with each other as desired, fit together and whether the interfaces between the programs are correct.
- We also used below testing methods:
- Smoke testing: It is a software testing process that determines whether the deployed software build is stable or not. Smoke testing is a confirmation for the QA team to proceed with further software testing.
- Exploratory testing: It is suited for specific testing scenarios. While testing other scenarios, most of the bugs we find. It is often described as simultaneous learning, test design, and execution.
- Regression testing: Ensures that new coding doesn't interrupt existing coding features. Assures there are no defects or bugs after implementing software update

7.3 Testing Methods:

The testing methods would define the specific techniques used to perform the testing. Here are some possible testing methods:

1. **Manual Testing:** This involves using human testers to perform the testing, such as clicking through the website and manually entering data.

2. **Automated Testing:** This involves using software tools to perform the testing, such as using Selenium to automate website testing.

3. **Exploratory Testing:** This involves using ad-hoc testing methods to explore the website and identify defects.

4. **Regression Testing:** This involves retesting previously tested functionality to ensure that changes or updates have not introduced defects

7.4 Testing Methods:

Entity	Test Case	Expected Output	Actual Output	Result
Sign-Up	Validation	Redirect To Login Page	As Expected	pass
Sign-In	Validation	Redirect To Home Page	As Expected	pass
Update Password	Validation	Password Updated Successfully	As Expected	pass
Get User Details	View Details	Show Details Of User	As Expected	pass
Verify User	Validation	User Verify Successfully.	As Expected	pass
Add To Favorite	Validation	Media Added In Favorite.	As Expected	pass
Remove From Favorite	Validation	Media Removed In Favorite.	As Expected	pass
Get Favorite List Of User	View Details	Display List Of All Favorite Medias.	As Expected	pass
Get Media List	View Details	Display List Of Media with Details	As Expected	pass

Get Genres List	View Details	Display List Of Genres with Details	As Expected	pass
Search	View Details	Display All Media Related To Search String	As Expected	pass
Get Media Details	View Details	Display Details Of Selected Media	As Expected	pass
Add Review	Validation	Review Added To That Media	As Expected	pass
Delete Review	Validation	Review Added From That Media	As Expected	pass
Get All Reviews	View Details	Display List Of All Favorite Medias.	As Expected	pass

Table 7.1 Test Cases

Chapter 8: Conclusion and Discussion

8.1 Overall Analysis of Internship Viabilities:

On taking a final look at our 11-week internship at Rapidops solution PVT LTD. and the Movie Streaming Platform we can evaluate the following:

- We were introduced to the industry culture and its methods.
- We were made aware of all the efforts that go into making successful software.
- We were introduced to new languages like JavaScript and React and had practical experience with them.
- Continuous feedback and guidance during the development process helped us a lot to make an efficient system.
- Coming to the project, we were able to duplicate the desktop system into a web application efficiently.
- The system created provides an easy and engaging experience for the user.
- The web application can capably store, display and update data in the database.
- Users working with the desktop application were able to work with the web application efficiently.

8.2 Future Enhancement:

- Store data of movies to our database. So , we can easily fetch it.
- By optimizing code, Results will be generated much faster than this.
- make a recommendation model for recommending movies to users according to their age.

References

https://nodejs.org/en/docs(To refer documentation of node js)

https://javascript.info/(Explored all basic and advanced javascript topics from here)

https://github.com/

https://ubuntu.com/

https://www.w3schools.com/(To understand and clear all queries)

https://reactjs.org/tutorial/tutorial.html

https://stackoverflow.com/

https://www.youtube.com/