



Ranada Prasad Shaha University

-an institution of Kumudini Welfare Trust of Bengal (BD) Ltd.

MOVIES INFORMATION AND OTT SERVICE PROVIDER

Submitted By

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This Report Presented in Partial Fulfillment of the Requirements for the Degree of Bachelor of Science in Computer Science and Engineering.

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NARAYANGANJ, 2022

CERTIFICATION

This is to certify that the work presented in the project is an outcome of the investigation carried out by the authors under the supervisor of Naima Islam Nodi, Lecturer, Department of Computer Science and Engineering, Ranada Prasad Shaha University, Narayanganj. It is declared that this project has been submitted only for the award of graduation.

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Certificate of Acceptance of the Thesis

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ABSTRACT

This project contains a website that provides movies information from around the world. The website brings all top-rated movies, series, and anime from around the world to our website's database. This website also shows the users upcoming movies and trending movies from all movie industry all over the world. In this project, we will provide the services for all top OTT platforms from around the world with our local OTT platform also on our website. Users will choose their desired platform with a subscription plan, and we will provide them the service with special offers and prices. We aim to create a platform that provides information of movies, and services of OTT platforms in a single website.

Keywords: Movies, OTT platforms, Services, Movies Information.

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Chapter 1

INTRODUCTION

In this project, we do the job of two different websites in a single website. Here, we provide information of movies from our own database, and services of OTT platforms like, Netflix, HBO Max in our website.

1.1 Movie Database

A movie database is database that stores all type of data associated with a film. Here we talk approximately internet or online model of a film database. So, the online Movie Database is a database containing data and information approximately movies, TV shows and anime in addition to actors, directors and different movie enterprise professionals. This data can consist of lists of cast and crewmembers, film launch dates and box office records, plot summaries, trailers, actor and director biographies and different trivia. IMDb (Internet Movie Database) is the perfect example of online movie database.

1.2 Movie Industry

The movie industry or motion image enterprise incorporates the technological and business establishments of filmmaking, i.e., movie manufacturing companies, movie studios, cinematography, animation, movie manufacturing, screenwriting, pre-manufacturing, post-manufacturing, movie festivals, distribution, and actors.

The topmost successful movie industries are Hollywood, Bollywood, Cinema of China, United Kingdom, and Cinema of Japan. Dhallywood is the name of the Bangladesh film industry based in Dhaka, Bangladesh.

1.2.1 Hollywood

Since the early 20th century, American cinema, from time to time referred to as Hollywood, has had an enormous effect on the movie enterprise in general. Classic Hollywood cinema changed into the dominating fashion in American filmmaking from 1913 to 1969, and its miles nonetheless regularly occur in maximum movies produced there

today. Hollywood is honestly the world's maximum effective movie business. It made \$11.1 billion in 2015 that is greater than the rest of the pinnacle 4 movie industries placed together.

1.2.2 Bollywood:

It is identified for producing the maximum movies every year, with a mean of 1200 each year. In comparison, Hollywood handiest produces around 800 movies each year. The movie grossed \$1.8 billion on the field office. The Hindi movie enterprise in India, regularly referred to as Bollywood and in advance referred to as Bombay cinema, is targeted in Mumbai (previously Bombay). The word is an aggregate of the words "Bombay" and "Hollywood." The enterprise is related to South Indian cinema and different Indian movie industries, which collectively make up Indian cinema, the world's biggest in phrases of characteristic movie production.

1.2.3 Dhallywood:

The cinema of Bangladesh, higher referred to as Dhallywood, is the Bengali-language movie enterprise primarily based totally in Dhaka, Bangladesh. It has regularly been a significant movie enterprise for the reason that early 1970s. The dominant fashion of Bangladeshi cinema is melodramatic cinema, which advanced from 1947 to 1990 and characterizes maximum movies to this day. Cinema turned brought to Bangladesh in 1898 through the Bradford Bioscope Company, credited to have organized the primary movie launch in Bangladesh. Between 1913 and 1914, the primary manufacturing company, Picture House, turned into the open. A 1928 brief silent movie titled Sukumari (The Good Girl) turned into the primary Bengali-produced movie with inside the region. The first full-duration movie, The Last Kiss, turned launched in 1931. Following the separation of Bangladesh from Pakistan, Dhaka has become the middle of the Bangladeshi movie enterprise and has generated the bulk percentage of revenue, manufacturing, and audiences for Dhallywood movies. The Face and the Mask, the primary Bengali-language full-duration function movie turned produced in 1956.

1.3 OTT platform

An “over-the-top” media carrier is any online content material provider that gives streaming media as a standalone product through the Internet. The term is maximum synonymous with subscription-based video-on-demand offerings that provide access to movie and tv content material including existing series received from different producers, in addition to unique content material produced particularly for the service. OTT services are generally monetized through paid subscriptions, however there are exceptions. For example, a few OTT systems may provide in-app purchases or advertising. Over-the-top services are generally accessed through web sites on non-public computers, in addition to via apps on cellular devices (which includes smartphones and tablets), virtual media players (inclusive of online game consoles), or televisions with incorporated Smart TV systems

1.4 Example of OTT Platforms

Over-the-top (OTT) video viewers: Individuals who watch video thru any app or internet site that offers streaming video content material and bypasses conventional distribution. Examples consist of HBO Max, Hulu, Netflix, Amazon Video, YouTube, etc. Netflix is the most famous OTT platform in the world. Chorki, Bioscope are the Bangladeshi OTT platforms.

1.4.1 Netflix:

Netflix is an American subscription streaming carrier and manufacturing company. Launched on August 29, 1997, it gives a library of movies and tv collections via distribution offers in addition to its productions, referred to as Netflix Originals. Netflix is one of the world's main enjoyment offerings with 222 million paid memberships in over a hundred ninety international locations playing TV collections, documentaries, characteristic movies, and cellular video games throughout a huge type of genres and languages. Members can watch as an awful lot as they want, anytime, anywhere, on any internet-related screen. Members can play, pause and resume watching, all without advertisements or commitments.

From December 31, 2021, Netflix had over 221.8 million subscribers global, inclusive of 75.2 million withinside the United States and Canada, 74.0 million in Europe, the Middle East, and Africa, 39.9 million in Latin America, and 32.7 million in Asia-Pacific. It is to be had global other than Mainland China (because of nearby restrictions), Syria, North Korea, and Crimea (because of US sanctions). Netflix has performed an outstanding function in unbiased movie distribution and is a member of the Motion Picture Association.

1.4.2 Chorki

Chorki is a Bangladeshi subscription-primarily based over-the-top media carrier and authentic programming manufacturing company, owned by Transcom Group thru Prothom Alo subsidiary of Mediastar Limited, and was released on 12 July 2021 worldwide. The carrier by and large indicates authentic content material and content material from different third-party providers, such as tv series, movies, and documentaries. The carrier is to be had in an ad-free model with limited content material, whilst the top class tier consists of a bigger content material library such as authentic shows and movies.

Chorki especially makes a specialty of Bangla language content material. They additionally display Turkish and Iranian movies with Bangla dubbed models. They have classes of contents premium and free respectively. To watch top-class content material subscription is required. They provide an extensive form of video content material including movies, series, Shows, non-fiction Content, Music Video, Chorki Original content material, and plenty of greater Bangla and overseas language video content. They commenced their adventure with over 2 hundred titles of movies, TV series, documentaries, TV dramas, etc.

Chapter 2

Background Study

2.1 Background Studies for the project

The evolution of Technology in recent times increasingly offers better effects to customers all around the world. Computer Technology is a fundamental necessity with inside contemporary-day ordinary life. It has made a maximum of the everyday activities easier quicker and extra accurate. It is likewise used from communicating or maybe from the opposite sectors that make use of a laptop with net connectivity, wherein humans can get admission to any time the special web sites like Facebook that maximum us or maybe youngsters can access. It serves as a device for verbal exchange throughout the globe. It makes the arena smaller.

Websites are supposed to offer wealthy statistics and first-rate service. It acts as a connecting line among numerous people around the arena. As a web tool, it's miles in itself numerous in lots of approaches relying upon the content material that the internet site provides. Having an automated system in a business enterprise makes the obligations easy, as it will assist to get entry to statistics in a shorter period in contrast to the guide shape that may reproduce mistakes withinside the part of the concerns.

A Website-Movies Information and OTT service provider serves as an information desk of the general public who would love to watch movies and at the same time likes to know about the movies and the OTT platforms also. Through this, the users can access the information they need anytime.

For this project, I deeply study about websites, how a website work, how many steps need to build a professional website, which languages should I use for the backend and which frameworks should I use for the frontend. I also study about maintenance of the

website. After all this research, I make a structure for how I build my project, work for it, and finally complete my project.

2.2 Project Motivation

This study generally aims to develop a website and evaluate its effectiveness. This website will be of great help for the people who love to watch movies, wants to know about movies and OTT platforms and their subscription plans and their prices, and wants to purchase an OTT service.

2.3 Project Objective

Project Objective mainly objectives to provide creative designs for each webpage. Provide functions such as; search engine for seeking movies, sign-up, log in for OTT service and log out. Provide the customers get the right of entry to our very own film database. Evaluate the internet site in phrases of 1. Effectiveness; 2. Accessibility; 3. Functionality; and 4. Acceptability.

Chapter 3

The project

In this chapter, I will discuss the project that is specially design for people who like to watch movies, love the art of movies, and are curious to know about movies.

In this project, I want to reduce the problem that finding movies information and OTT service providers on the same website. Knowing that it is not possible to solve the all problem but hope the best this website will be helpful for some of us. Also showing that how the project works step by step.

3.1 Software Requirements Specification

A software requirements specification is a report that captures a complete description of ways the device is anticipated to perform. It is generally signed off at the stop of the necessities engineering phase. It establishes the premise for a settlement between clients and contractors or providers on how the software program product ought to function (in a market-driven project, those roles can be performed through the advertising and development divisions). Software necessities specification is a rigorous evaluation of necessities earlier than the greater unique device layout stages, and its purpose is to lessen later redesign.

Our project software requirements specification is as follows:

3.1.1 Feasibility Studies

Feasibility is described as the realistic quantity to which a project may be executed successfully. To compare feasibility, a feasibility look at is executed, which determines whether or not the solution taken into consideration to perform the necessities is realistic and possible with inside the software program.

Feasibility especially use:

To examine whether or not the software program will meet organizational necessities.

To decide whether or not the software program may be applied the usage of the current technology and in the exact price range and schedule.

To decide whether or not the software program may be incorporated with a different present software program.

Before building our project, we verified our project with all types of feasibility studies.

3.1.2 Requirement Analysis

There are two types of requirements we would denote:

1. Functional Requirements
2. Non-Functional Requirements

Functional Requirements of Movies Information and OTT Service Provider

1. The user shall be able to Sign-Up to the website.
2. The user shall be able to Login with a username.
3. The user shall be able to view upcoming movies.
4. The user shall be able to see trending movies.
5. The user shall be able to search movies.
6. The user shall be able to access the database of the website.
7. The user shall be able to view the top-rated movies.
8. The user shall be able to see the OTT platform's information.
9. The user shall be able to plans and price list of the OTT platforms.
10. The user shall be able to purchases their desired OTT platform.
11. The user shall be able to contact the OTT service providers.

Non-Functional Requirements of Movies Information and OTT Service Provider

1. **Performance:** The system shall load faster.
2. **Capacity:** The system will be capable of handling one thousand requests consistent with an instance.
3. **Availability:** The system will be to be had on 23/7.
4. **Maintainability:** The system will be closed for 20 hours consistent with the month for protection and elaboration.
5. **Security:** The system must encrypt user passwords the usage of the AES-256 Encryption System.
6. **Reliability:** The system shall by no means crash greater than 10 mins consistent with the month.

7. **Usability:** The customers must be capable of discovering ways to use the system for a maximum of 1 hour.
8. **Scalability:** The system must run easily in maximum gadgets that guide an internet browser.

3.1.3 Unified Modelling Language (UML) Diagrams

A UML diagram is a diagram primarily based totally at the UML (Unified Modelling Language) with the reason of visually representing a system at the side of its important actors, roles, actions, artifacts or classes, on the way to higher understand, alter, maintain, or report data approximately the system.

There are two types of UML diagrams:

1. Behavioural Diagrams
2. Structure Diagrams

Behavioural Diagrams

Here, I will consider only two diagrams but UML has many types of Behavioural Diagrams:

1. Use-Case Diagram
2. Activity Diagram

Use-Case Diagram

In my project there are two types of actors are present.

1. User
2. Admin

Use-Case Diagram

A use case diagram is a graphical depiction of a user's viable interactions with a device. A use case diagram suggests diverse use instances and one-of-a-kind kinds of customers the device has and could frequently be observed through different kinds of diagrams as well. The use instances are represented through both circles or ellipses. The actors are frequently proven as stick figures.

Use Case Diagram of Movies Information and OTT Service Provider for Admin given below:

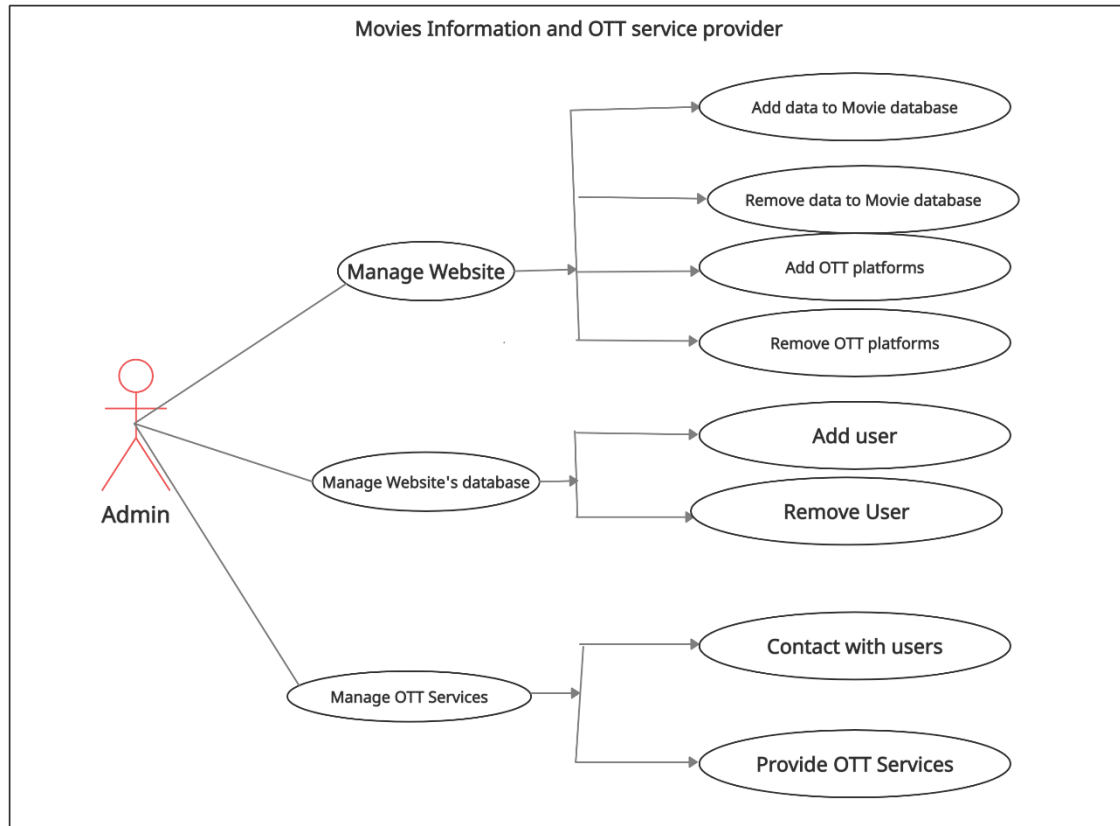


Fig 3.1: Use case diagram for Admin

Fig 3.1 is the use case diagram for admin. Here we can see, the admin can manage the website and its database. The admin can add or remove the movie database, OTT services. An admin can contact the user and provide OTT services.

Use Case Diagram of Movies Information and OTT Service Provider for User is given below:

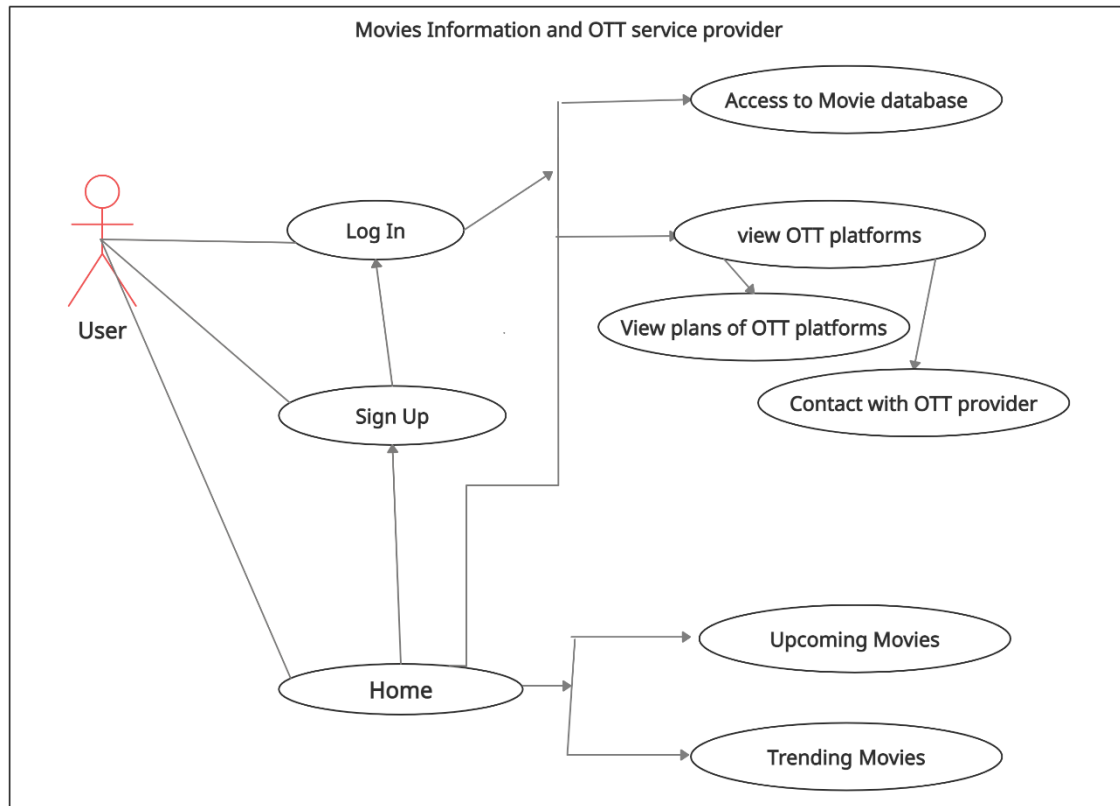


Fig 3.2: Use Case Diagram for User

Fig 3.2 is the use-case diagram for the user. Here we can see, a user can sign up and login into the website. Before signing up a user can see upcoming and trending movies and after login, a user will have the access to the movie database, a user can view the OTT platform's information, plans, and contact to OTT provider to purchase OTT service.

Activity Diagrams

Activity diagrams are graphical representations of workflows of stepwise activities and movements with manual for choice, technology and concurrency. In the Unified Modeling Language, activity diagrams are supposed to model every computational and organizational processes, similarly to the information flows intersecting with the related activities. Although activity diagrams regularly show the overall flow of control, they can also embody elements showing the flow of information amongst activities via one or more information stores.

The Activity diagram for Admin of Movies Information and OTT Service Provider is given below.

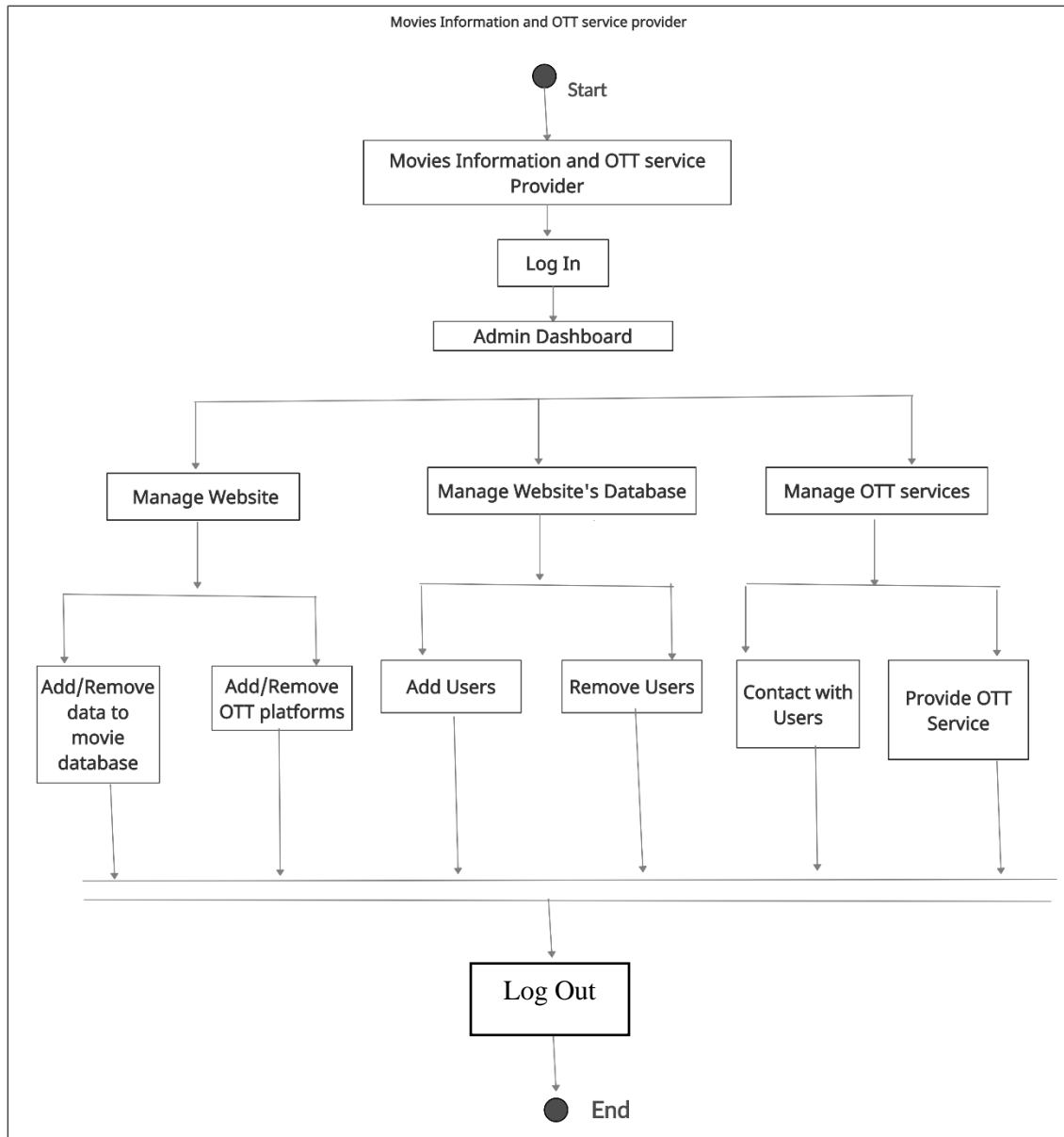


Fig 3.3: The Activity diagram for Admin.

Fig 3.3 is the activity diagram for admin. Here we can see, the admin can manage the website and its database. The admin can add or remove the movie database, OTT services. An admin can contact the user and provide OTT services.

The Activity diagram for User of Movies Information and OTT Service Provider is given below.

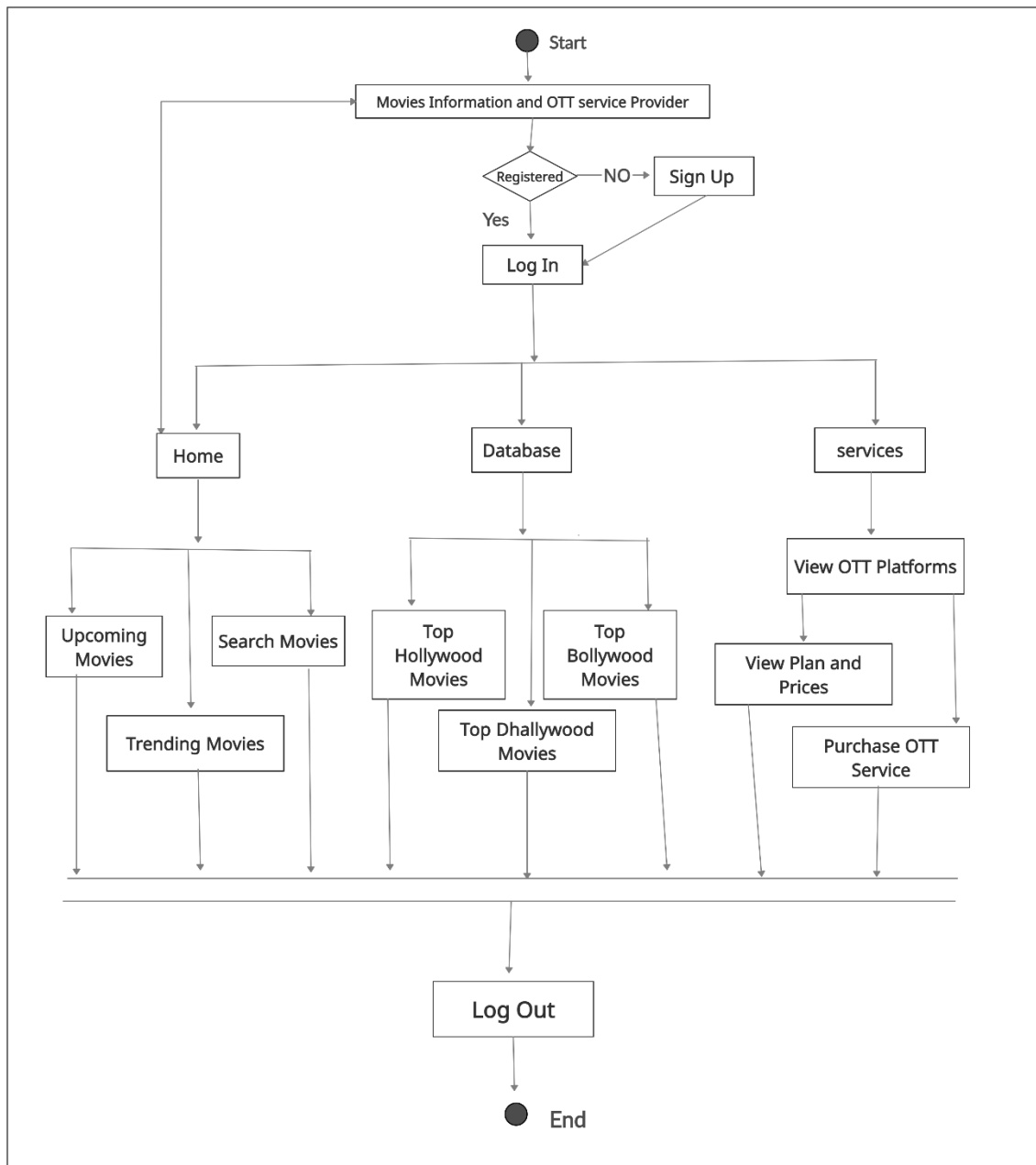


Fig 3.4: The Activity diagram for User

Fig 3.4 is the activity diagram for the user. As we can see, when a user visits this website he/she can see the upcoming and trending movies and for further use, a user must register into the website. After signing up a user will have the access to movie database and will purchase OTT services.

Hierarchical Input Process Output (HIPO) Diagram

The HIPO diagram of Movies Information and OTT Service Provider:

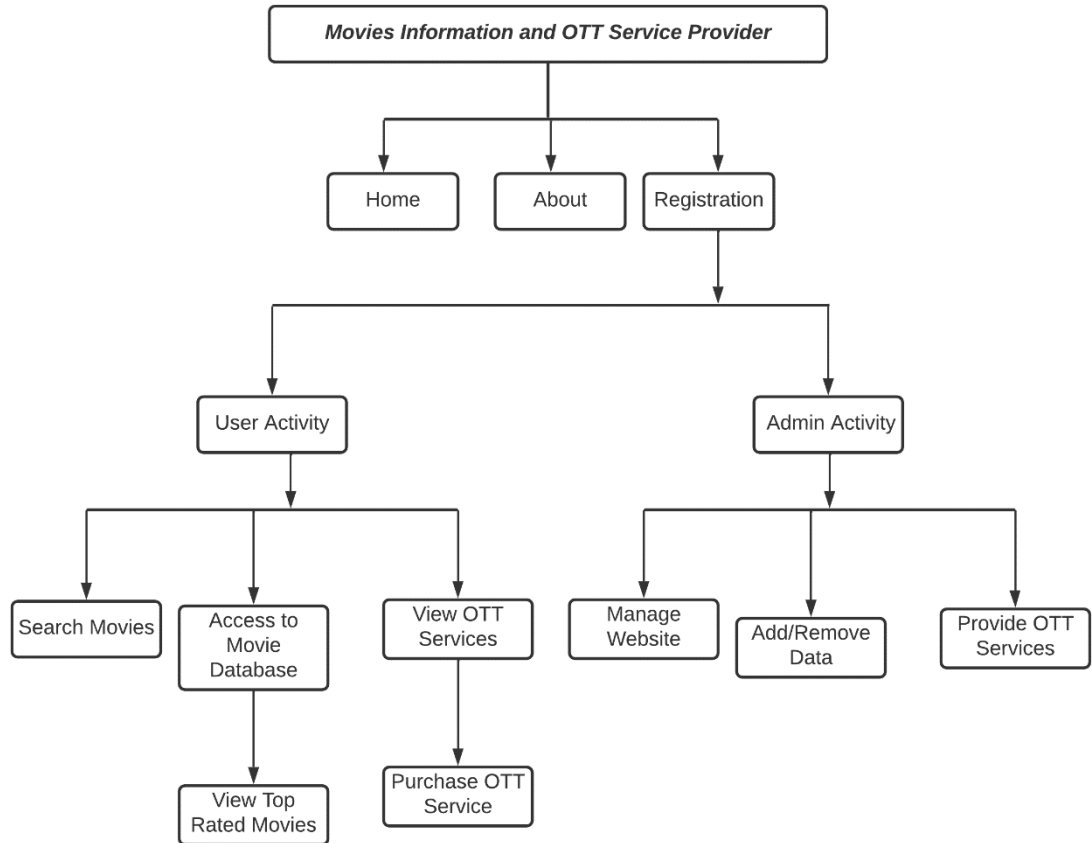


Fig 3.5: The HIPO diagram of our system

3.2 Project Methodology

We use Windows Operating System in our computers. Windows is an operating system that is the foundation for the stack model. The project is built on Windows as 'A Full Stack Development'.

Full Stack Development consists of some major components. 1. Front-End 2. Back-End 3. Database 4. Server 5. Working with Application Program Interface (API)

3.2.1 Front End

Front-end is everything that a user can see and interact on a website. For example, the text, videos and images. Every single website that we see on the internet today all must have three languages they are: 1. HTML (Hyper Text Mark-up Language) 2. CSS (Cascading Style Sheets) 3. JS (JavaScript).

Hyper Text Mark-up Language (HTML)

The Hyper Text Markup Language or HTML is the usual markup language for files design to be display in an internet browser. By the use of HTML, we will mark and describe a few styles of content material like writing, links, pictures, or even sound and video on website and webpages are generally regard in an internet browser so that the browser can show them correctly. Web browsers get hold of HTML files from an internet server or neighborhood storage and render the files into multimedia net pages. HTML describes the shape of an internet web page semantically and firstly protected cues for the advent of the document. 'HTML5' is the modern-day model of HTML.

Cascading Style Sheets (CSS)

Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language along with HTML. CSS is a cornerstone era of the World Wide Web, along HTML and JavaScript. The first CSS launched as a professional World Wide Web Consortium, on December 17, 1996. On the opposite hand, Bootstrap is likewise use to present patterns to HTML elements. Bootstrap

is not anything however the maximum famous CSS framework for developing responsive and mobile-first websites.' Bootstrap 4' is the brand-new model of Bootstrap.

Java Script (JS)

JavaScript is the Programming Language for the Web. Over 97% of websites use JavaScript to build websites. it is an object-based scripting language. Java Script is lightweight and cross-platform. It also can update and change both HTML and CSS.

To build the Front-end of the project, also used HTML, CSS (included Bootstrap 4), and JS.

3.2.2 Back-End

Back-End approach the Backbone of internet site. Everything in the back of the scene that powers the website is referred to as Back-end of a website. The back- end of a internet site includes a server, an application, and a database. The back-end is the strength of customers consist and we use Programming Language like 'PHP', 'Python' and 'NodeJS' to assist us to write down the functionalities that cope with commercial enterprise logic along with Browsing Products, Receive Orders, Accept Payments, etc.

To build the Back-end of the project, we used 'PHP' programming Language.

PHP

PHP is a server scripting language and an effective tool for creating dynamic websites. PHP is a famous general-motive scripting language this is mainly acceptable to web development. It is fast, bendy, and pragmatic.

3.2.3 Database

A database is a prepared series of established information, or statistics, commonly stored electronically in a pc system. The database organizes statistics into tables, rows, columns, and index it to make it simpler to locate applicable information.

There are two types of databases:

1. Relational Databases (Example: Microsoft SQL Server, MySQL, etc.)
2. Non-Relational Databases (Example: MongoDB, Firebase, etc.)

To build the project, used a Relational Database named 'MySQL'.

MySQL

MySQL is an open-supply relational database control system. Its name is an aggregate of " My", the name of co-founder Michael Widenius's daughter, and " SQL", the abbreviation for Structured Query Language. A relational database organizes records into one or extra records tables, wherein records sorts can be associated with every different; those relations assist shape the records. SQL is a language, programmers use to create, alter and extract records from the relational database, in addition, to manipulating consumer get entry to the database. MySQL is a free and open-source software program below the phrases of the GNU General Public License, and is likewise to be had under several proprietary licenses. MySQL became owned and subsidized with the aid of using the Swedish organization MySQL AB, which became offered with the aid of using Sun Microsystems (now Oracle Company). MySQL has a stand-on for my customers that permit users to engage immediately with a MySQL database the usage of SQL, however extra frequently MySQL is used with different packages to put into effect packages that want relational database capability. MySQL is part of the LAMP net software program stack, that's an acronym for Linux, Apache, MySQL, Perl/PHP/Python. MySQL is utilized by many database-driven net packages, together with Drupal, Joomla, phpBB, and WordPress. MySQL is likewise used with the aid of using many famous websites, together with Facebook, Flickr, MediaWiki, Twitter, and YouTube Some crucial capabilities of MySQL databases are relational. MySQL's software program is Open Source. The MySQL Database Server could be very fast, reliable, scalable, and easy to use. MySQL Server works in client/server or embedded systems. A huge amount of contributed MySQL software programs is to be had.

3.2.4 Server

The server is an area to host our web application in order that different customers can run from and use our net software. It is a gadget or computer software that gives functionality or records for different machines or programs. Servers are the lifeblood of any community. They offer the shared aid that the community customers want inclusive of net service.

The website will be hosted at <http://MI-OSP.com>

3.2.5 Application Program Interface (API)

An application programming interface (API) allows computer systems or computer applications to communicate with each other. It is a device set that programmers can use in supporting them create software. A proper API could have clean and concise instructions that a programmer can use and reuse so that they do not should construct everything over again and lets us apply for third-party or different programs in our internet application. Types of APIs: • SOAP • XML-RPC • JSONRPC • REST

I used just one API on the project work and add some new ones in the future.

3.2.6 Code Editor

A code editor is a place where programmers spend most of their time. We used 'Visual Studio (VS) Code' as our code editor during developing our project. VS Code is a The Microsoft-powered platform for developers. It is an open-source platform and can be used on any major platform. VS code is very lightweight and does not consume much of the RAM, and promotes fast access and implementation.

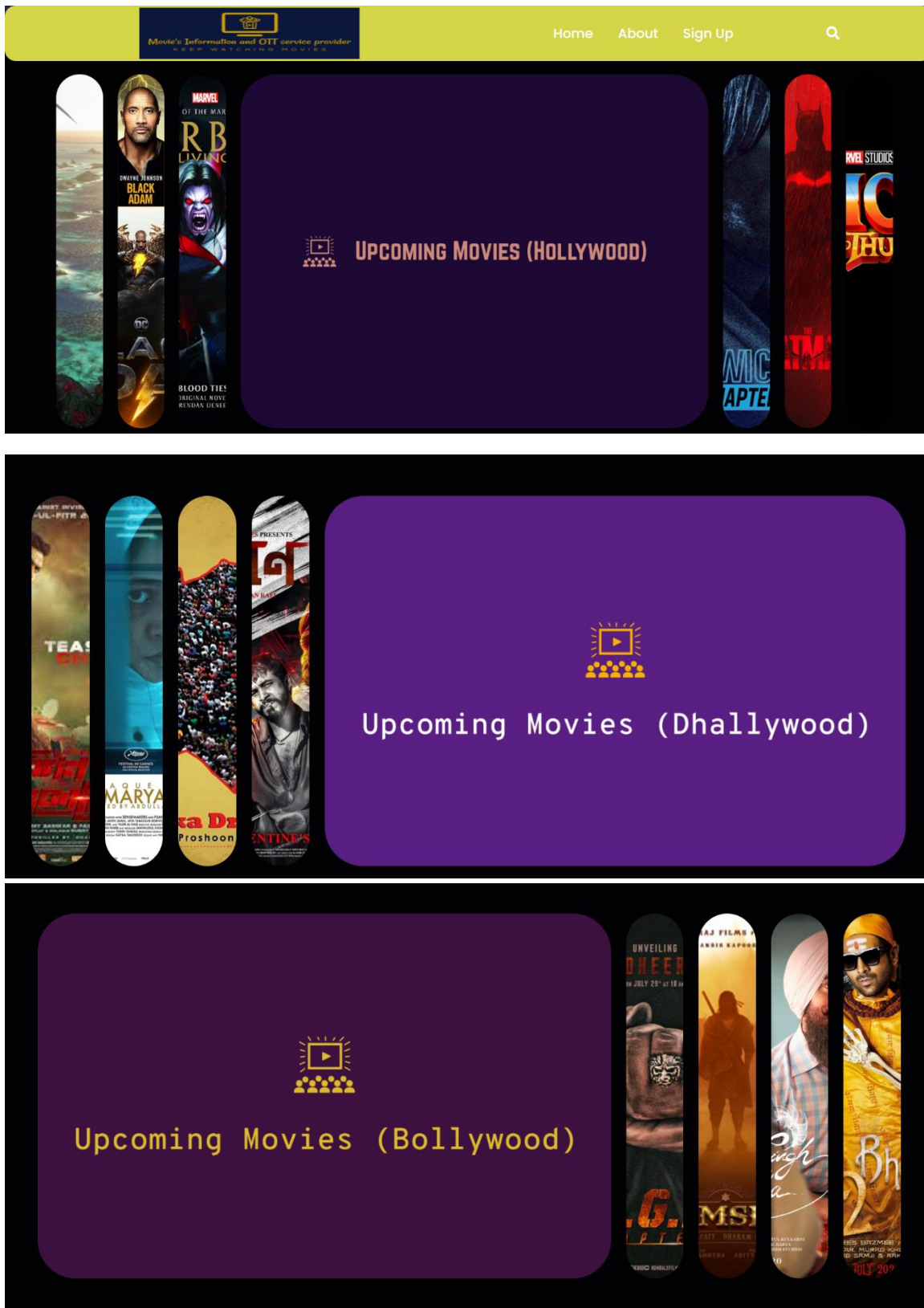
3.3 Project Implementation

3.3.1 Front-End Implementation

In this project, I used HTML, CSS, JS, and Bootstrap 4 to structure the project's 'Front-End'. I try to build the project's 'Front-End' with a responsive design. The goal of responsive design is to build web pages that change the layout after detecting the visitor's screen size.

Some of the examples of the front-end of the project are given below.

Desktop View:



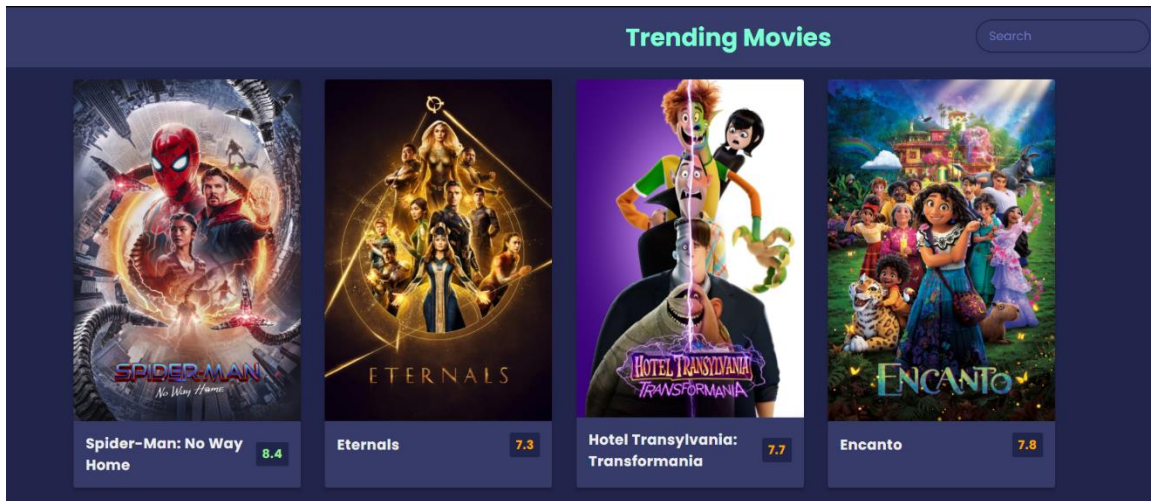
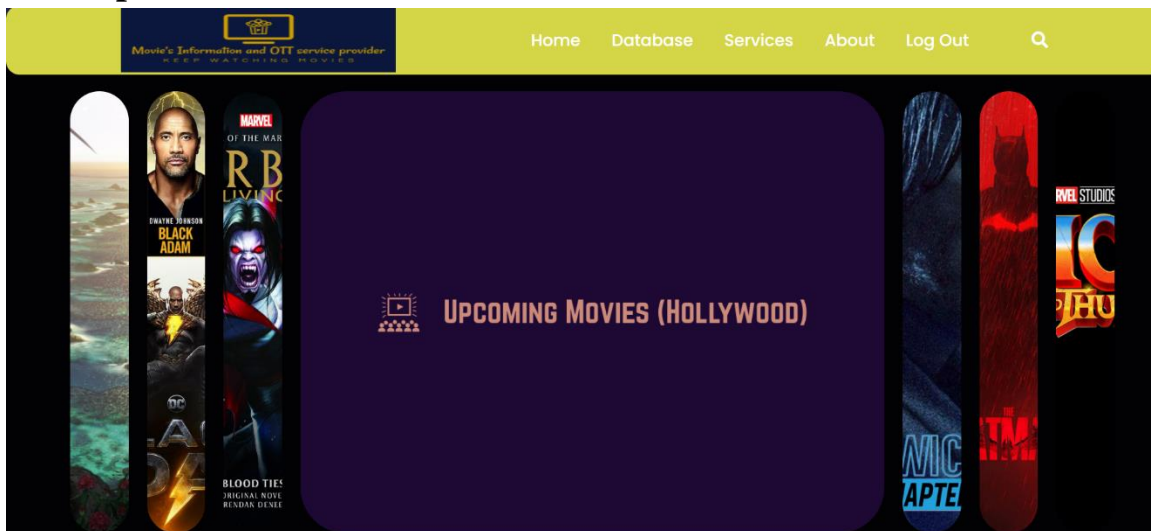


Fig 3.6: Desktop view of Movies Information and OTT service provider before sign up.

Fig 3.6 is the home page of the website of Movies Information and OTT service provider before signing up. When a user visits this website, they will view this page. On this page, a user can see upcoming movies, trending movies, and also search for movies. After signing up a user will accessed other features.

Desktop View:



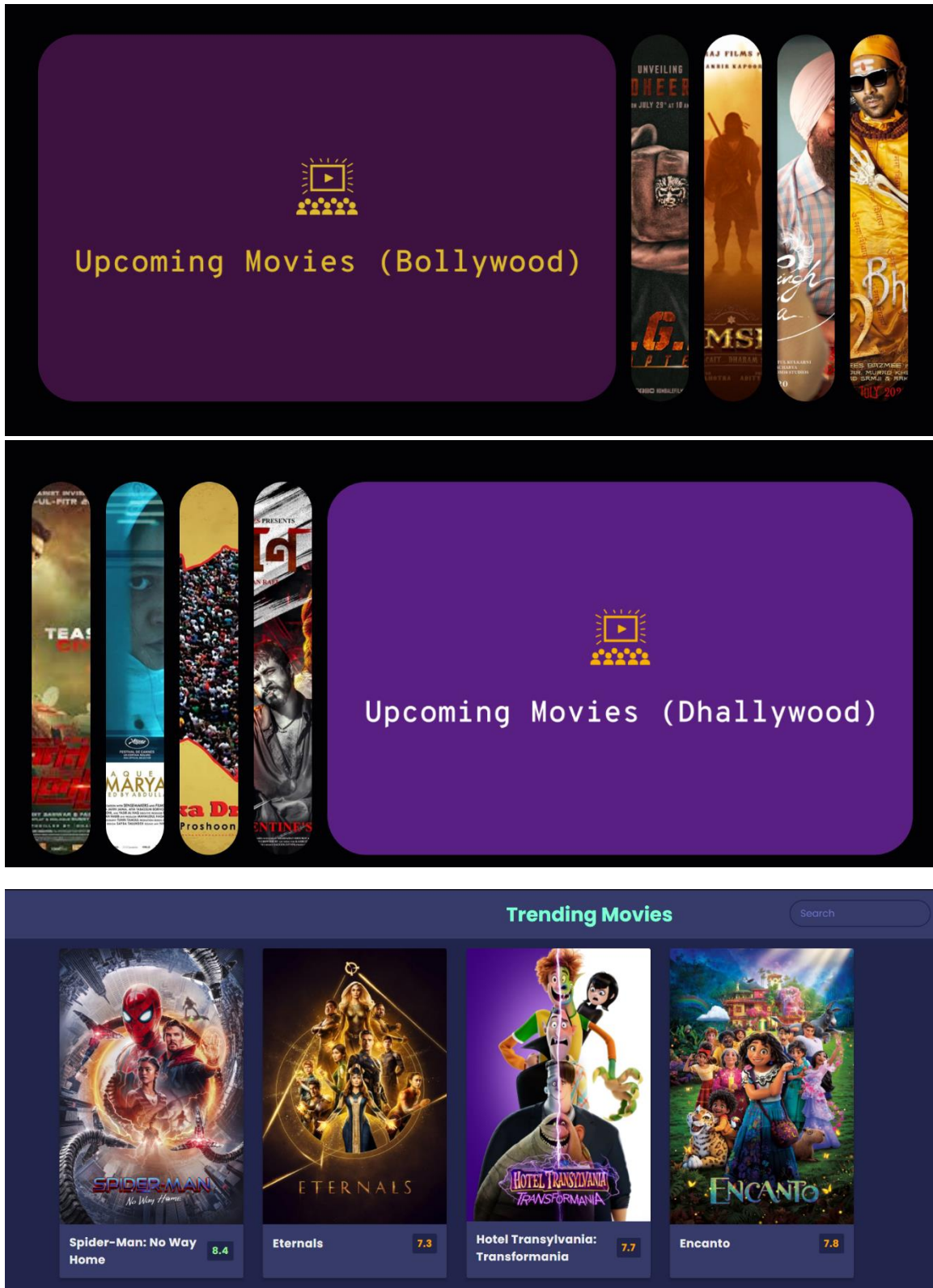


Fig 3.7: Desktop view of Movies Information and OTT service provider after Sign Up.

Fig 3.7 is the home page of the website of Movies Information and OTT service provider be after signing up. A user will view this page after logging in. Primarily on this page, a user can see upcoming movies, trending movies, and also search for movies. After signing up and logging in a user will access to website's movie database and can purchase OTT services.

Tablet view:

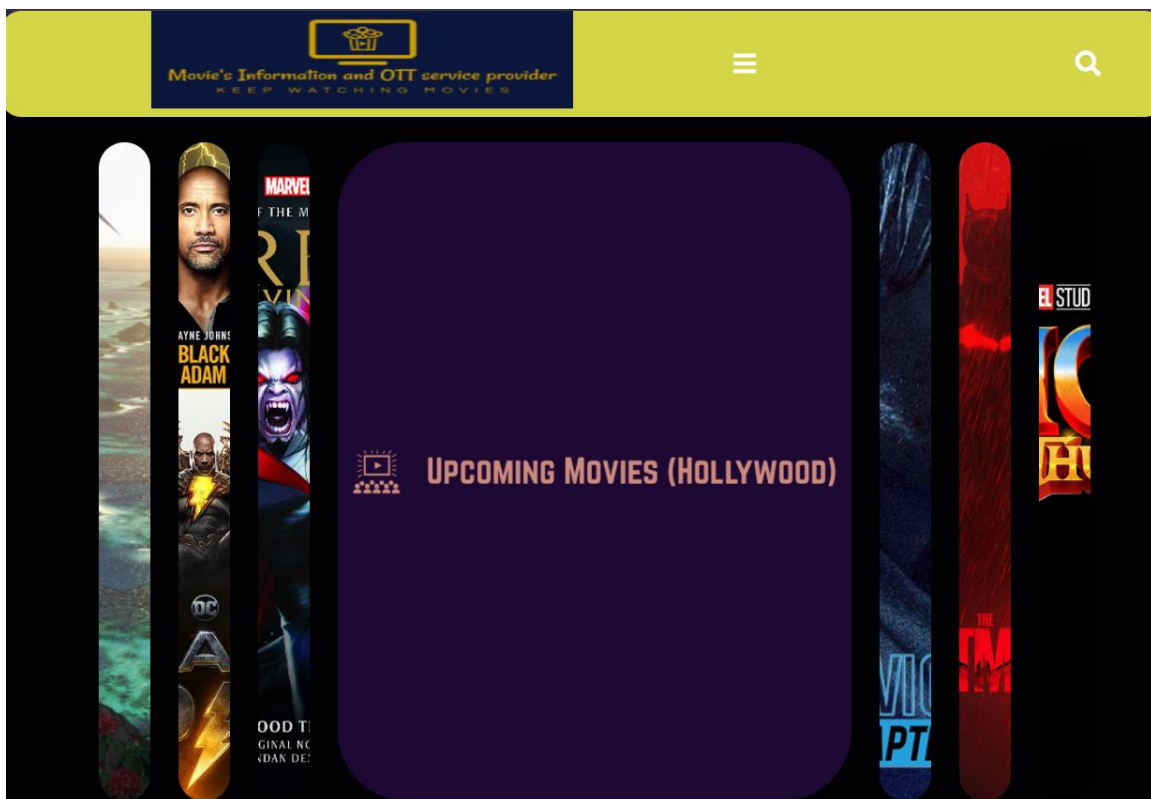


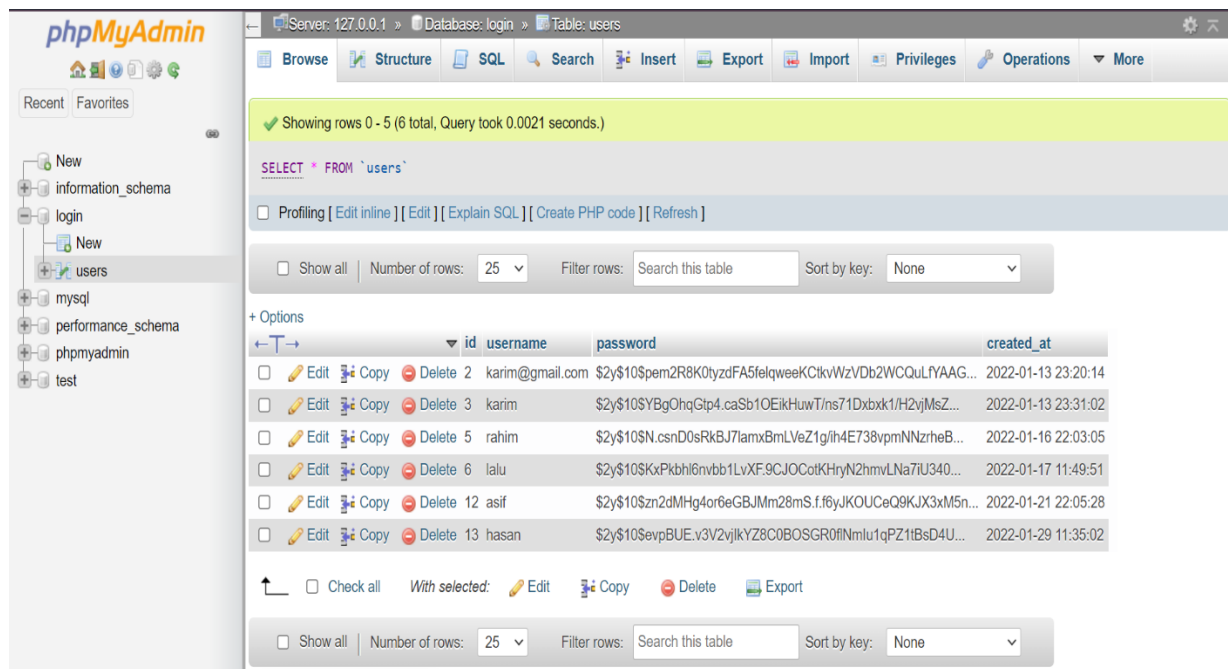
Fig 3.8: Tablet view of Movies Information and OTT service provider

3.3.2 Database Design and Implementation

Database Design is a group of approaches that facilitate the designing, development, implementation, and renovation of corporation information control systems. Properly designed databases are clean to maintain, improve information consistency, and are price-effective in phrases of disk storage space. The database designer comes to a decision on how the information factors correlate and what information has to be stored.

Database implementation is the technique of putting in database software, appearing configuration and customization, running and checking out the database after which integrating it with applications. Finally, the implementation technique entails schooling the users.

Here, I used MySQL to implement the database for this project.



Server: 127.0.0.1 » Database: login » Table: users

Showing rows 0 - 5 (6 total, Query took 0.0021 seconds.)

`SELECT * FROM `users``

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

| | | | id | username | password | created_at |
|--------------------------|----------------------|----------------------|------------------------|----------|-----------------|------------------------------------------------------------------------------|
| <input type="checkbox"/> | Edit | Copy | Delete | 2 | karim@gmail.com | \$2y\$10\$pem2R8K0tyzdFA5felqweeKClkvWzVDb2WCQuLYAAG... 2022-01-13 23:20:14 |
| <input type="checkbox"/> | Edit | Copy | Delete | 3 | karim | \$2y\$10\$YBgOhqGtp4.caSb1OEikHuwTns71Dxbxk1/H2vjMsZ... 2022-01-13 23:31:02 |
| <input type="checkbox"/> | Edit | Copy | Delete | 5 | rahim | \$2y\$10\$N.csnD0sRkBJ7lamxBmLVeZ1g/iH4E738vpmNNzrheB... 2022-01-16 22:03:05 |
| <input type="checkbox"/> | Edit | Copy | Delete | 6 | lalu | \$2y\$10\$KxPkbhI6nvbb1LvXF.9CJCotKHryN2hmvLNa7IU340... 2022-01-17 11:49:51 |
| <input type="checkbox"/> | Edit | Copy | Delete | 12 | asif | \$2y\$10\$zn2dMHg4or6eGBJMm28mS.f.f6yJKOUceQ9KJX3xM5n... 2022-01-21 22:05:28 |
| <input type="checkbox"/> | Edit | Copy | Delete | 13 | hasan | \$2y\$10\$evpBUE.v3V2vjIkyZ8C0BOSGR0fInmlu1qPZ1tBsD4U... 2022-01-29 11:35:02 |

☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Fig 3.9: Database of Movies Information and OTT service provider

Fig 3.9 is the admin's control panel of the website's database. Here all the information of users will be stored. The admin can delete and also add a user's information here.

3.3.3 Server Implementation

For my web application, will be bought a domain name and hosting and the domain name of the web application will be “MI-OSP.com” as a commercial address. For now, the web application is hosted on my computer’s localhost with XAMPP application.

3.3.4 Logo Design

A logo is a graphic symbol, emblem, or image used to useful resources and promotes public identity and recognition. It can be of a summary or figurative layout or consist of the textual content of the name it represents as in a wordmark.

I designed a few logos for the project by using an online logo maker.



Fig 3.10: Logo 1 of Movies Information and OTT service provider

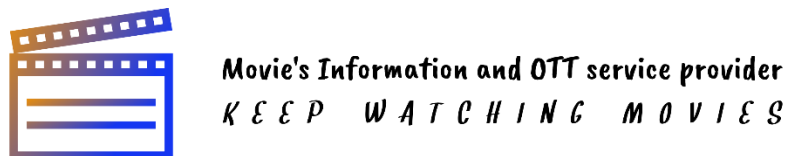


Fig 3.11: Logo 2 of Movies Information and OTT service provider

3.3.5 Features

Here. I will discuss about each and every features of the project.

Registration:

- Sign Up
- Log In
- Log Out

Upcoming Movies

- Upcoming Movies Hollywood
- Upcoming Movies Bollywood
- Upcoming Movies Dhallywood

Trending movies

- Trending movies around the world
- Search movies

Database

- Top Hollywood Movies
- Top Bollywood Movies
- Top Dhallywood Movies

Services

- International OTT Platforms
 - o Netflix
 - o Amazon Prime Video
 - o HBO Max
- Local OTT Platforms
 - o Chorki
 - o Bioscope
- Purchase OTT Service

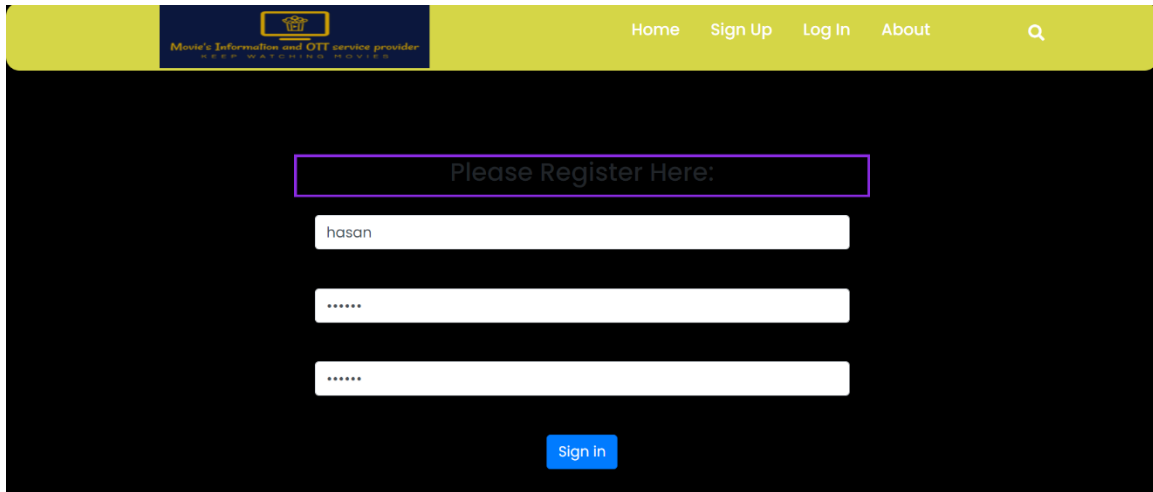
About

Contact

3.3.6 System Testing

Here, I will Test all the Features of the project:

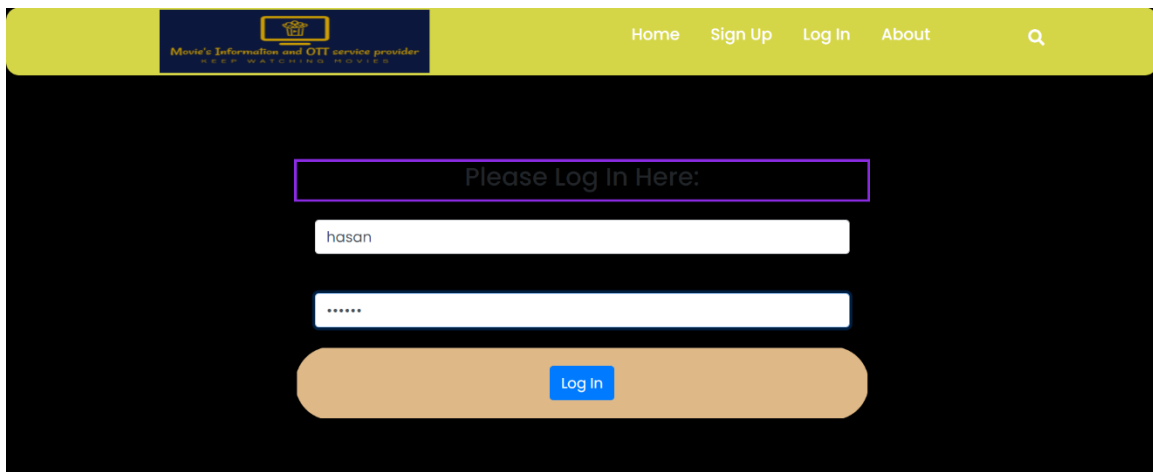
Sign-up and Log-in



The screenshot shows a web application interface for signing up. At the top, there is a navigation bar with a logo on the left and links for 'Home', 'Sign Up', 'Log In', and 'About' on the right. Below the navigation bar, the main content area has a dark background. A light blue box with the text 'Please Register Here:' is centered. Below this box are three input fields: the first contains the text 'hasan', the second is empty, and the third is empty. A blue button labeled 'Sign in' is positioned below the input fields.

Fig 3.12: Sign-Up system

Fig 3.12 is the sign-up system. For sign-up, a user must enter a user name or a valid email address, after entering a password and confirming the password, then click on sign up to the website.



The screenshot shows a web application interface for logging in. At the top, there is a navigation bar with a logo on the left and links for 'Home', 'Sign Up', 'Log In', and 'About' on the right. Below the navigation bar, the main content area has a dark background. A light blue box with the text 'Please Log In Here:' is centered. Below this box are two input fields: the first contains the text 'hasan', and the second is empty. A blue button labeled 'Log in' is positioned below the input fields.

Fig 3.13: Log-In system

Fig 3.13 is the login system. For login, a user must enter the user name or the email address and the password, which he entered when signing up.

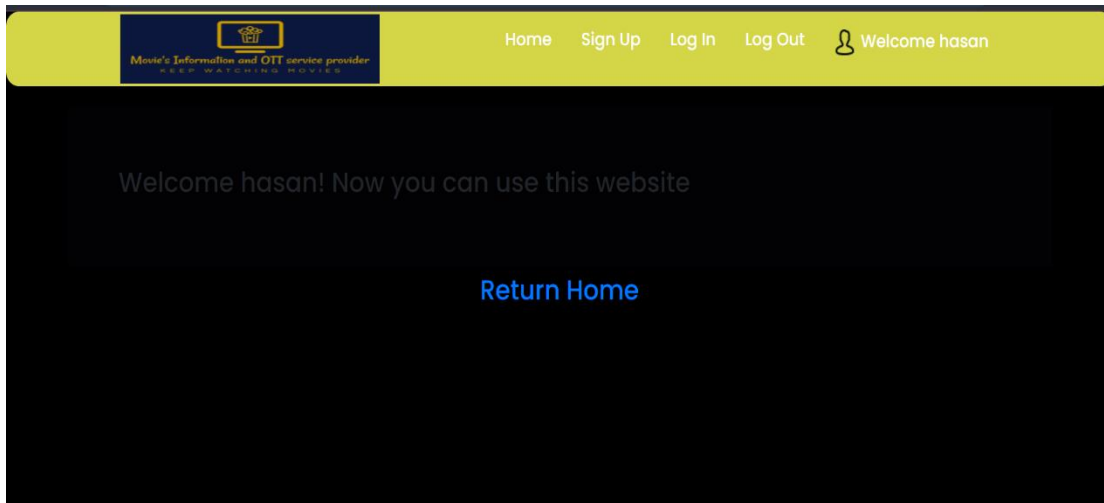
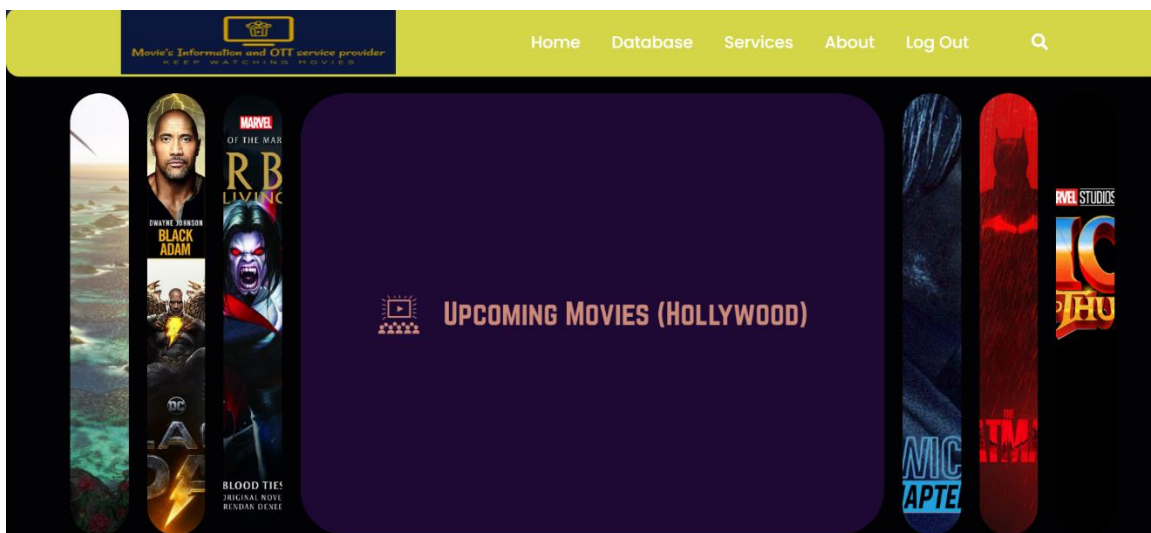



Fig 3.14: Log-In successfully done

3.3.7 Project Output





Here, I will show all the possible output of the project:


Home Page









Upcoming Movies (Bollywood)










Upcoming Movies (Dhallywood)


Trending Movies




Spider-Man: No Way Home 8.4



Eternals 7.3



Hotel Transylvania: Transformania 7.7



Encanto 7.8



Fig 3.15: Output of Home Page

Database

Movie's Information and OTT service provider
 KEEP WATCHING MOVIES

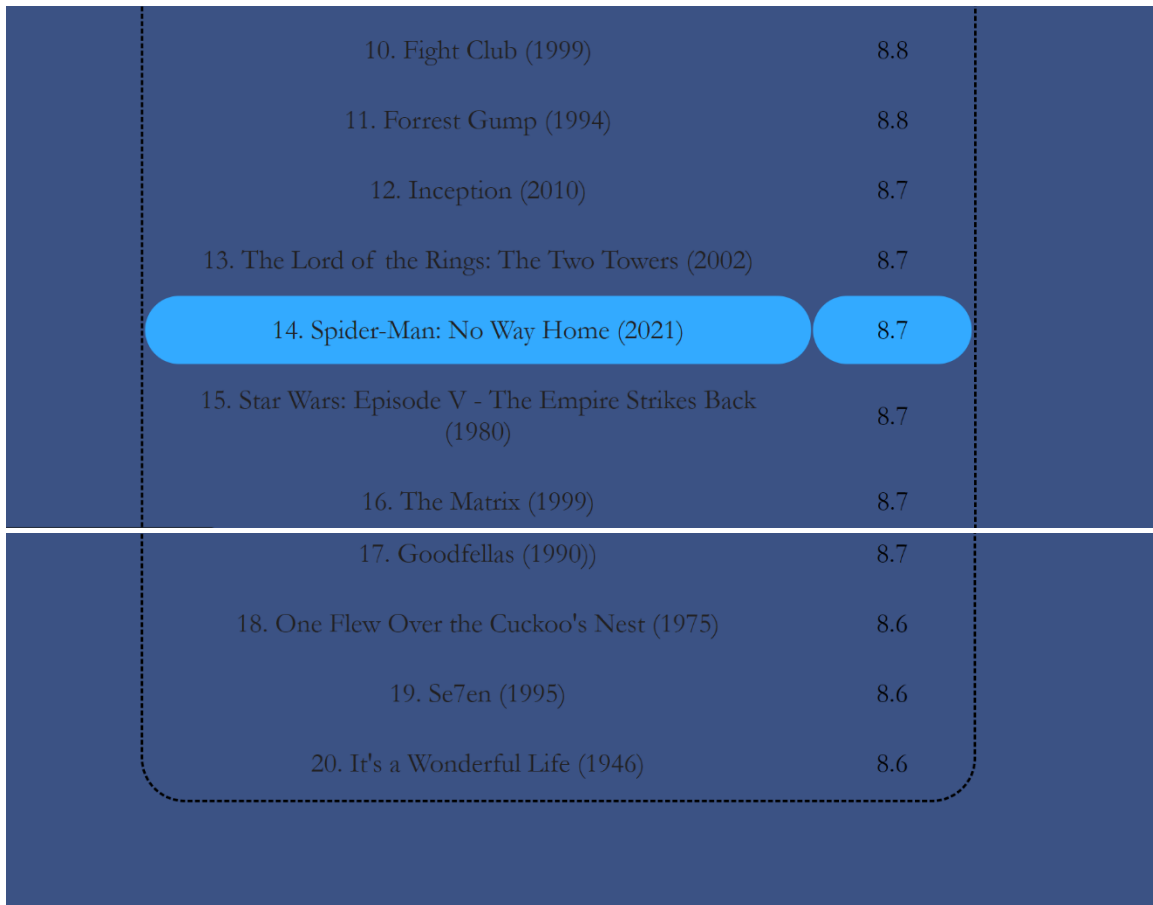
Home Database Services About Contact

>>Top 20 Bollywood Movies.

>>Top 20 Dhallywood Movies.

>>Top 20 Hollywood Movies.

| Rank & Title | IMDB Rating |
|-------------------------------------------------------------|-------------|
| 1. The Shawshank Redemption (1994) | 9.2 |
| 2. The Godfather (1972) | 9.2 |
| 3. The Godfather: Part II (1974) | 9.0 |
| 4. The Dark Knight (2008) | 9.0 |
| 5. 12 Angry Men (1957) | 9.0 |
| 6. Schindler's List (1993) | 8.9 |
| 7. The Lord of the Rings: The Return of the King (2003) | 8.9 |
| 8. Pulp Fiction (1994) | 8.8 |
| 9. The Lord of the Rings: The Fellowship of the Ring (2001) | 8.8 |



| | |
|-----------------------------------------------------------|-----|
| 10. Fight Club (1999) | 8.8 |
| 11. Forrest Gump (1994) | 8.8 |
| 12. Inception (2010) | 8.7 |
| 13. The Lord of the Rings: The Two Towers (2002) | 8.7 |
| 14. Spider-Man: No Way Home (2021) | 8.7 |
| 15. Star Wars: Episode V - The Empire Strikes Back (1980) | 8.7 |
| 16. The Matrix (1999) | 8.7 |
| 17. Goodfellas (1990)) | 8.7 |
| 18. One Flew Over the Cuckoo's Nest (1975) | 8.6 |
| 19. Se7en (1995) | 8.6 |
| 20. It's a Wonderful Life (1946) | 8.6 |

Fig 3.16: Output of Database Page

Fig 3.16 is the movie info database of the website. Here, a user will access all top-rated Hollywood, Bollywood, and Dhallywood movies of IMDB.

Services

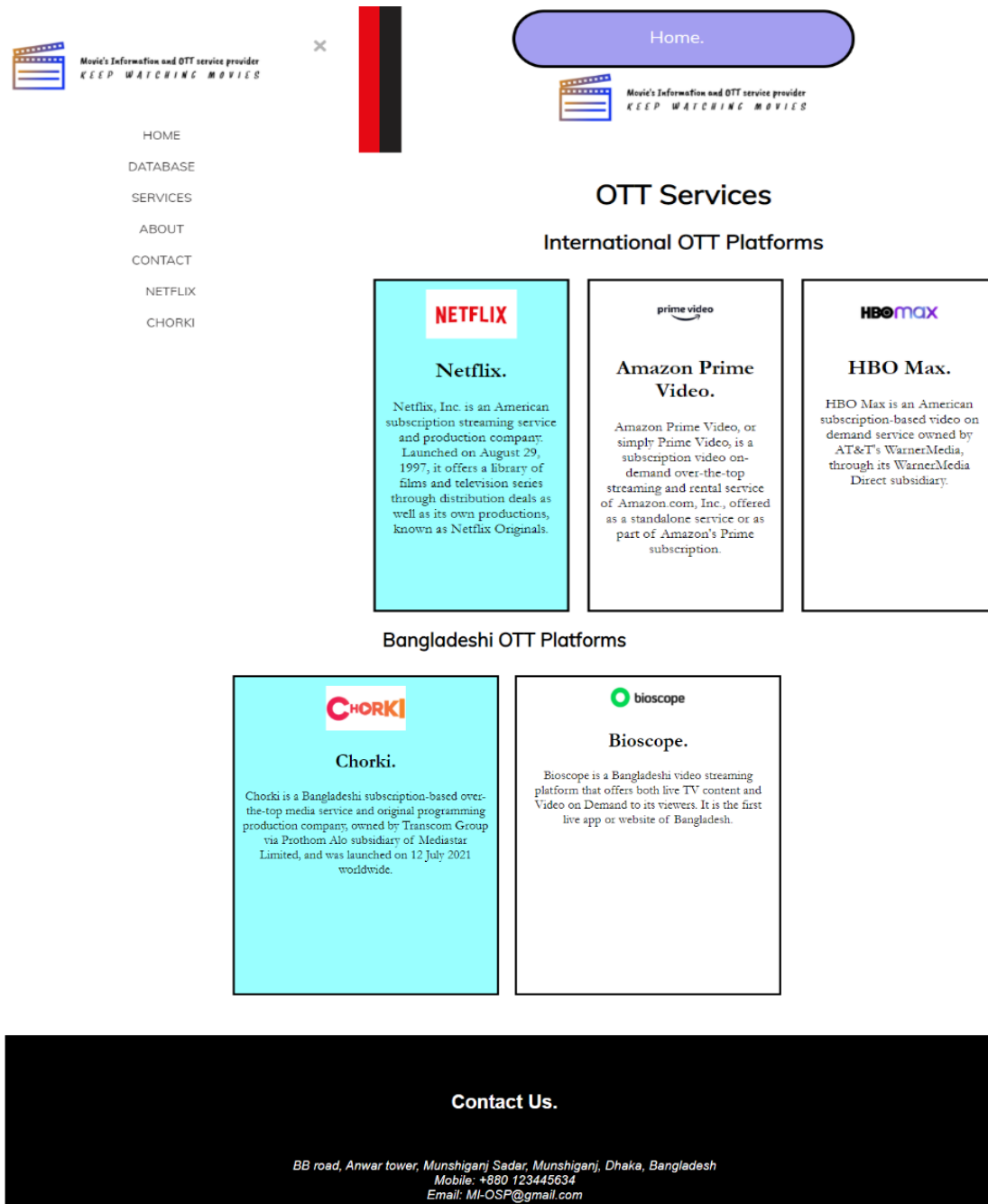


Fig 3.17: Output of Service Page

Fig 3.17 is the service provider page of the website. Here, a user can view all local and international OTT platform information and purchase their desired OTT service.

OTT services

The screenshot displays the 'Services' page of a website for 'Movie's Information and OTT service provider'. The page features a navigation menu on the left with links to HOME, DATABASE, SERVICES, ABOUT, CONTACT, NETFLIX, and CHORKI. The main content area is titled 'Netflix's Subscription's Price List' and includes the Netflix logo. Below the title, there are four subscription plans: Mobile, Basic, Standard, and Premium. Each plan lists its monthly price, quality, resolution, and compatible devices. The Mobile plan is USD13.99, Basic is USD7.99, Standard is USD9.99, and Premium is USD11.99. Below the plans, there are three bullet points: '>>Watch all you want. Ad-free.', '>>Recommendations just for you.', and '>>Change or cancel your plan anytime.' At the bottom, there is a section for contact information, including an email address (MI-OSP.bd@gmail.com), a contact number (+880 1852646324), and social media links for Facebook (facebook.com/MI-OSP.BD) and Instagram (instagram.com/MI-OSP.BD). The footer contains a copyright notice: 'All rights reserved by Movie's Information & OTT service Provider team Ranada Prasad Shaha University 2021-2022'.

Movie's Information and OTT service provider
KEEP WATCHING MOVIES

HOME
DATABASE
SERVICES
ABOUT
CONTACT
NETFLIX
CHORKI

Services

NETFLIX

Netflix's Subscription's Price List

NETFLIX

| Mobile. | Basic. | Standard. | Premium. |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Monthly price:- USD13.99 Quality:- Good Resolution:- 480p Devices you can use to watch:- Phone. Tablet. | Monthly price:- USD7.99 Quality:- Good Resolution:- 480p Devices you can use to watch:- Phone. Tablet, Computer, TV. | Monthly price:- USD9.99 Quality:- Better Resolution:- 1080p Devices you can use to watch:- Phone. Tablet, Computer, TV. | Monthly price:- USD11.99 Quality:- Best Resolution:- 4K+HDR Devices you can use to watch:- Phone. Tablet, Computer, TV. |

Choose the plan that's right for you:

- >>Watch all you want. Ad-free.
- >>Recommendations just for you.
- >>Change or cancel your plan anytime.

For Your Desired Subscription Contact Us.

- E-mail:
MI-OSP.bd@gmail.com
- Contact No.
+880 1852646324
- Facebook
facebook.com/MI-OSP.BD
- Instagram
instagram.com/MI-OSP.BD

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Ranada Prasad Shaha University
2021-2022

Fig 3.18: Output of the Page of OTT service

Fig 3.18 is the OTT service provider page of the website. Here, a user can view OTT platform's information, price list, offers and will purchase their desired OTT service.

About



Moto of the Company

| Movie Info. | Services. | Data Security |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| We bring all top-rated movies, series, and anime from around the world to our website's database. | We bring for you all top OTT platforms from around the world with our local OTT platform also on our website.. | We are aware of our customer's privacy and very cautious with their data security and your data are end-to-end encrypted in our server. |

Fig 3.19: Output of the About page

Contact



Fig 3.20: Output of Contact page

Chapter 4

Conclusion

In this chapter, I will discuss about the limitations of the project. Also, discuss the future works of the project and give conclusion about this project.

4.1 Project Limitation

Here, I will discuss the limitations of the project. The limitations of “Movies Information and OTT service Provider” are given below:

- This website will be display perfectly in computers not in smartphones.
- The user will not be able to create their own database.
- The user will not be able to like a movie.
- The user will not be able to give review about movies.
- The payment method of OTT services is manual.
- The website is run only in localhost.

4.2 Future Work

The future works of “Movies Information and OTT service provider” will be discussed in this section.

First, I will make the website responsive for all kinds of devices, so that all kinds of users will use this website. I will include some interesting features like an individual profile for every user, using this profile a user can make a list of their favorite movies and also recommend the list to the other user, the user will have a like/dislike button for every movie and also review option for movies and any other content.

Then, I will increase the information of every single movie, series, and anime all over the world into the website’s movie database. So, Users can search about movies, Tv shows, anime, and also about their cast and crew.

I also include an online payment method for OTT services. I also planned that make an Android app of the project as early as possible.

My final ambition for this project is to build my own OTT platform not be a service provider. My OTT platform will have movies, Tv shows, anime, animation movies, and all kinds of entertainment that an OTT platform can provide along with Information about movies.

4.3 Conclusion

In this project, I try to build a system or a website for those people who like to watch movies, love the art of films, and want to know more about movies. This project also has OTT services to provide the public.

Today's world is far ahead in terms of technology. Our country is not backward either. In our country, almost 70% of people use smartphones and also use the internet and they watch videos on social media and another third-party websites. So, we can provide them with our services for their daily entertainment with pretty low subscription costs.

Going to do this project, I face many problems and I don't call them problems because I learn so many things from those problems and the lesson helped me to complete my project.

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