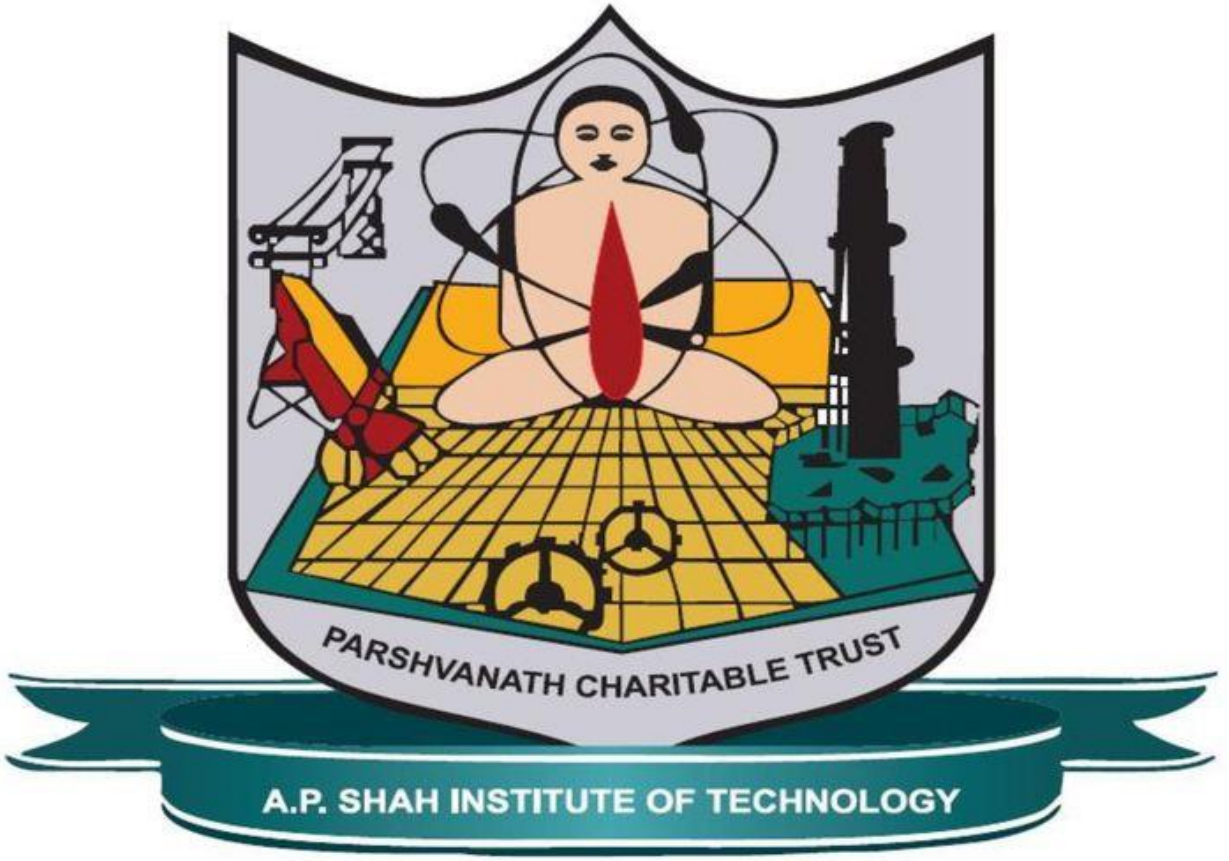


PARSHVANATH CHARITABLE TRUST'S

A.P SHAH INSTITUTE OF TECHNOLOGY

Kasarvadavli, Ghodbunder Road,Thane-400615

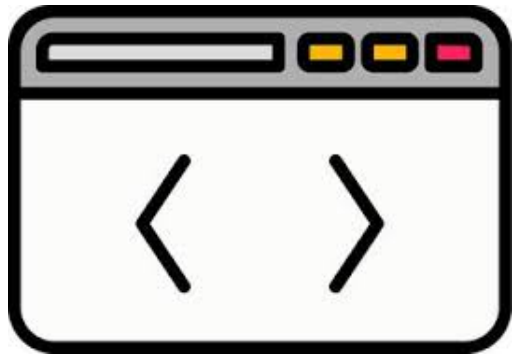
Parshvanath Charitable Trust's
A. P. SHAH INSTITUTE OF TECHNOLOGY, THANE
(All Programs Accredited by NBA)
Department of Information Technology

(GROUP NO. 21)

Mini-Project 2A

Department Of INFORMATION TECHNOLOGY

Semester: V
Div: A
Branch: TE.IT



Academic year-(2022-23)

VAH

Parshvanath Charitable Trust's
A. P. SHAH INSTITUTE OF TECHNOLOGY, THANE
(All Programs Accredited by NBA)
Department of Information Technology
{ACADEMIC YEAR 2022-23}

PRAVAH STREAMING WEBSITE

T.E – I.T Engineering

Group Members:

- PRATHAMESH NAIK 20104061
- AVINASH ANDHALE 20104138
- VISHNUKANT MULE 20104065

Under the Guidance of

Prof. Sonal Jain

Contents

- **Introduction**
- **Objectives**
- **Scope**
- **Literature survey**
- **Proposed System**
- **Project Outcomes**
- **Block Diagram**
- **Use Case/DFD**
- **Technology Stack**
- **Suggestion in Review-1**
- **Result and Discussion**
- **Conclusion and Future Scope**
- **Reference**

INTRODUCTION:

- Streaming: The technology of transmitting audio and video files in a continuous flow over a wired or wireless internet connection.

- It refers to any media content-live or recorded delivered to computer and mobile device via internet and played back in real-time.

- Music, video and other types of media files are prearranged and transmitted in sequential packets of data so they can be streamed instantaneously

- Social media platforms and others broadcast everything from celebrity events, promotions and life streaming to streaming between users. You can live stream on any compatible smartphone, tablet, TV, computer or gaming console with a relatively fast internet connection

Problem Statement:

- Nowadays streaming platforms is been widely popular among people. But subscribing to every service could be very stressful, and a waste of money.

- But what to do when you want to catch all the latest and trending shows which are available on the different streaming platforms.

- Don’t have money to subscribe to each service. Here our platform Stream comes into, here you can watch all the trending tv shows and movies from almost all the streaming services out there with free of cost.

OBJECTIVES:

- ✓ To build an User friendly online streaming website.
- ✓ To provide entertainment platform for source TV shows, movies, serials, and etc.
- ✓ Providing a streaming websites which totally free of cost which has free subscription.
- ✓ To save money of the user from purchasing cables monthly fees and extra subscription charges .
- ✓ The user can register & create a account through Email and can login through the credential’s.
- ✓ To let the user have a login user id and password to secure their account.

SCOPE:

- Online video streaming.
- Cinema intro
- Recommendation system
- Free of cost streaming services
- Child restriction system

Literature Survey:

- Video streaming has become more and more popular business video streaming applications such as YouTube accounting for a large quantity of Internet traffic. Using the cloud, user can stream any video from any video provider service to social network services. In this paper, I surveyed some completely different video streaming concept and technique to enhance the quality of videos.

Keywords:
Scalable Video Coding, Adaptive Video Streaming, Mobile Networks, Social Video Sharing, Cloud Computing

1. The Netflix Effect: Teens, Binge Watching, and On-Demand Digital Media Trends
https://www.utpjournals.press/doi/abs/10.3138/jeunesse.6.1.119/

2. A literature review of the YouTube phenomenon
https://www.researchgate.net/publication/349350098_A_literature_review_of_the_YouTube_phenomenon_and_the_teaching_and_learning_practices/

3. Literature Review : A Comparative Study of Real Time Streaming Technologies and Apache Kafka
https://ieeexplore.ieee.org/document/9514934/

4. Reference websites: Netflix, Hotstar and YouTube.

FEATURES:

1. Event Broadcasting
2. Faster access
3. Lets you consume TV shows, movies, podcasts and more online without downloading files
4. Search bar
5. Account creation
6. Content categorizations
7. Watchlist

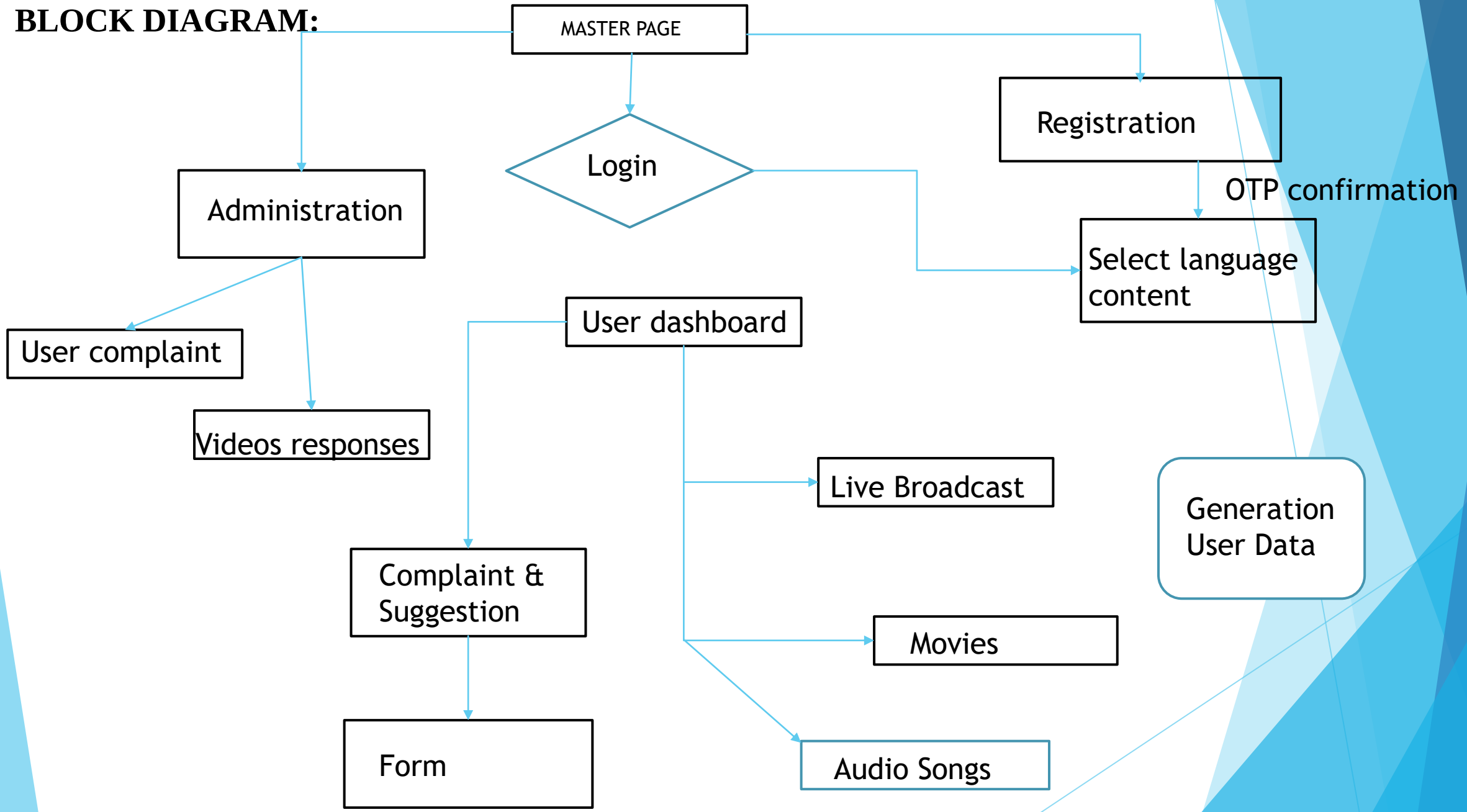
FUNCTIONALITY:

- **Accounts**: The account type in this system is totally Free. In this module user can register by entering their profile information. After registration user can access accounts page by entering login id and password.
- **Video manager:** This module allows subscriber to access videos contents.
- **My Channel:** In this module the visitor will have their own profile created by getting register them and can also analyse their profile.
- **Subscription:** In this module user can subscribe for live broadcasting by making payment. After confirmation of the payment the user can watch and record videos. The subscribed member can download the videos by clicking download button.
- **Comments and likes:** The registered user can post their comments and like the uploaded videos.

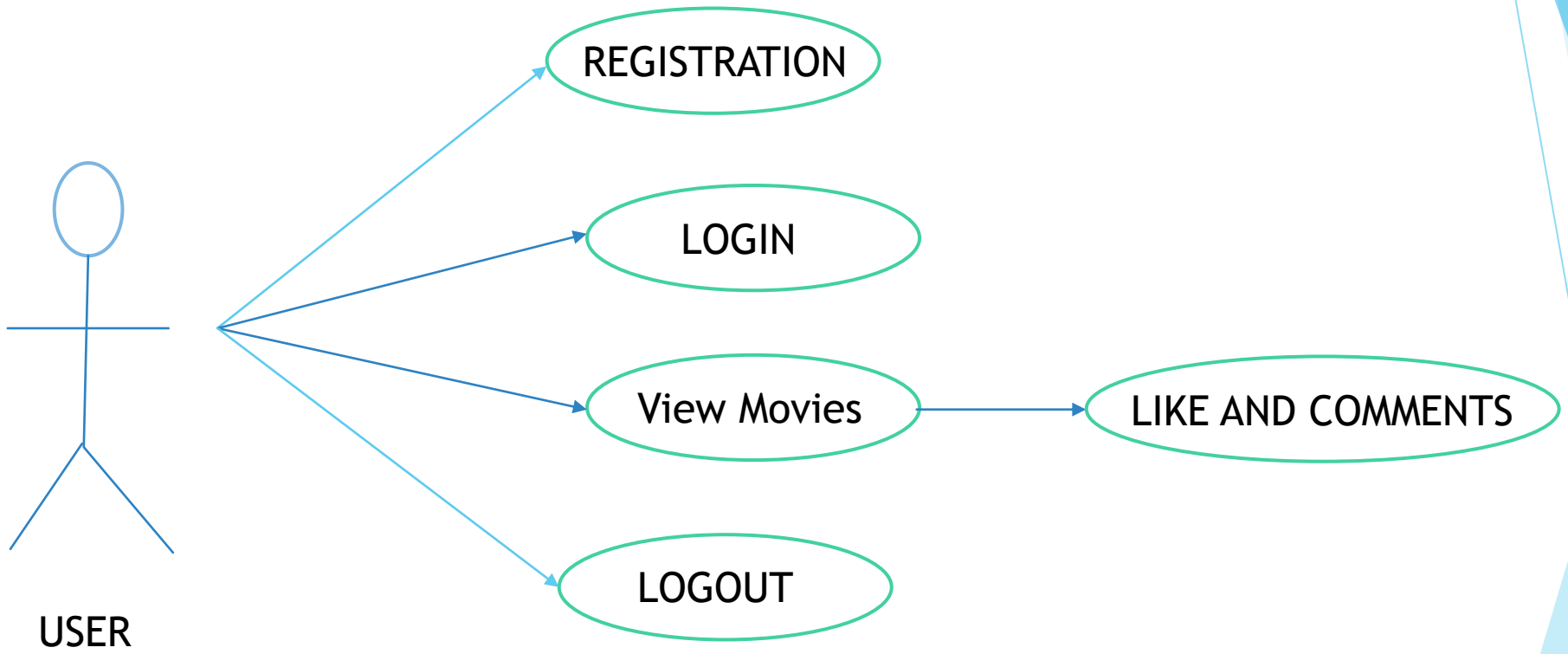
PROJECT OUTCOMES:

- User can register and login themselves
- The user can watch the movies and content media as per interest
- Media contains the varieties of movies, devotional, cartoons, series, inspirational video
- The user will have recommendation updates as per their interest according to their watch history
- Watch movies, and media contents
- The User can also submit their grievance and feedbacks

BLOCK DIAGRAM:



Use Case Diagram:



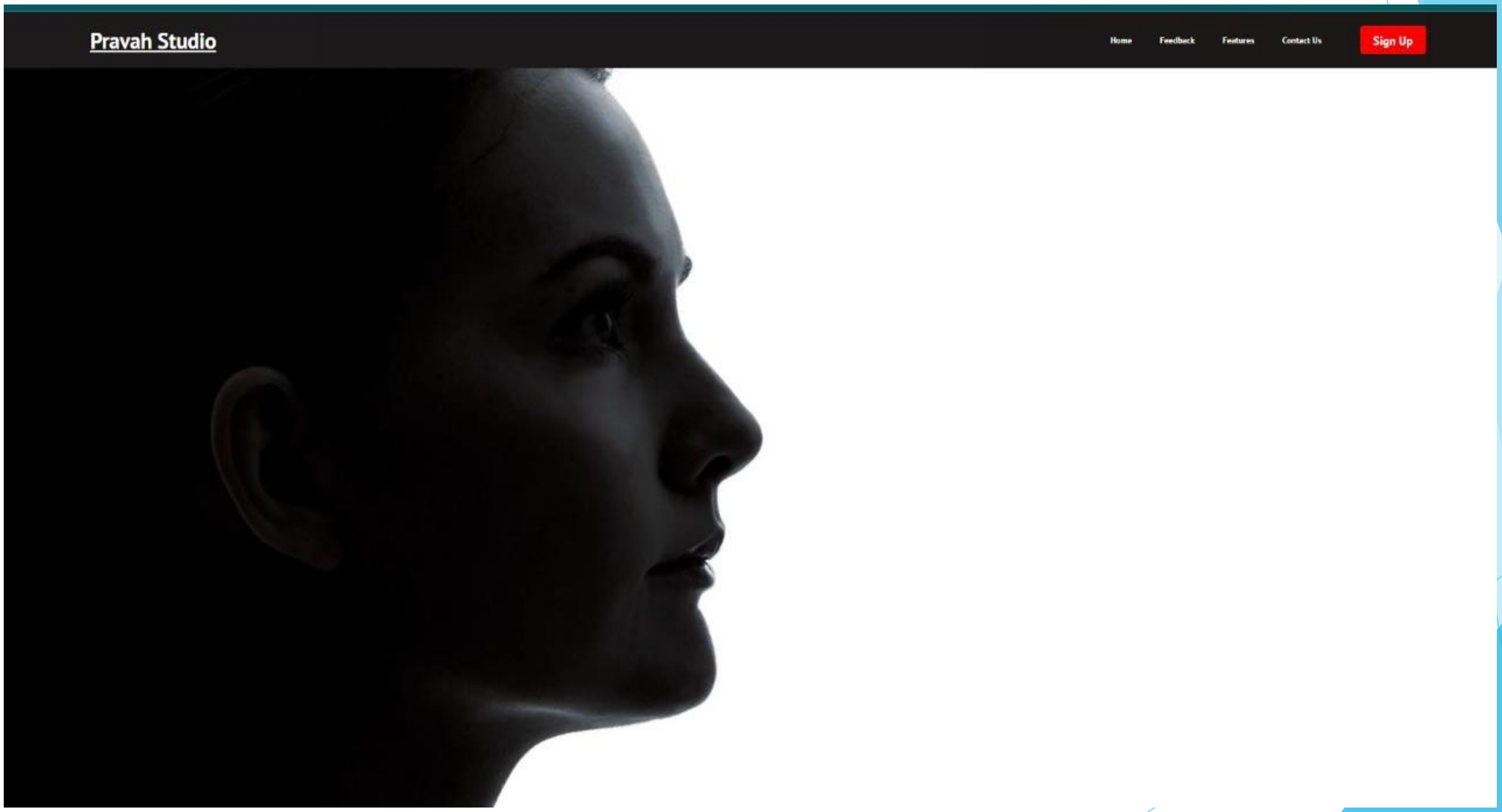
TECHNOLGY STACK:

- HTML
- Node JS
- CSS
- Jsx
- REACT
- Media server cloudinary
- Database Mongo-DB

SUGGESTION IN REVIEW-1:

1. To Generate a Email or Mobile number verification via OTP
2. To Add different categories of movies contents.

RESULTS AND DISCUSSION:



Enjoy on your Browser.

Watch on Browser,
Chromecast, Safari, and
more.

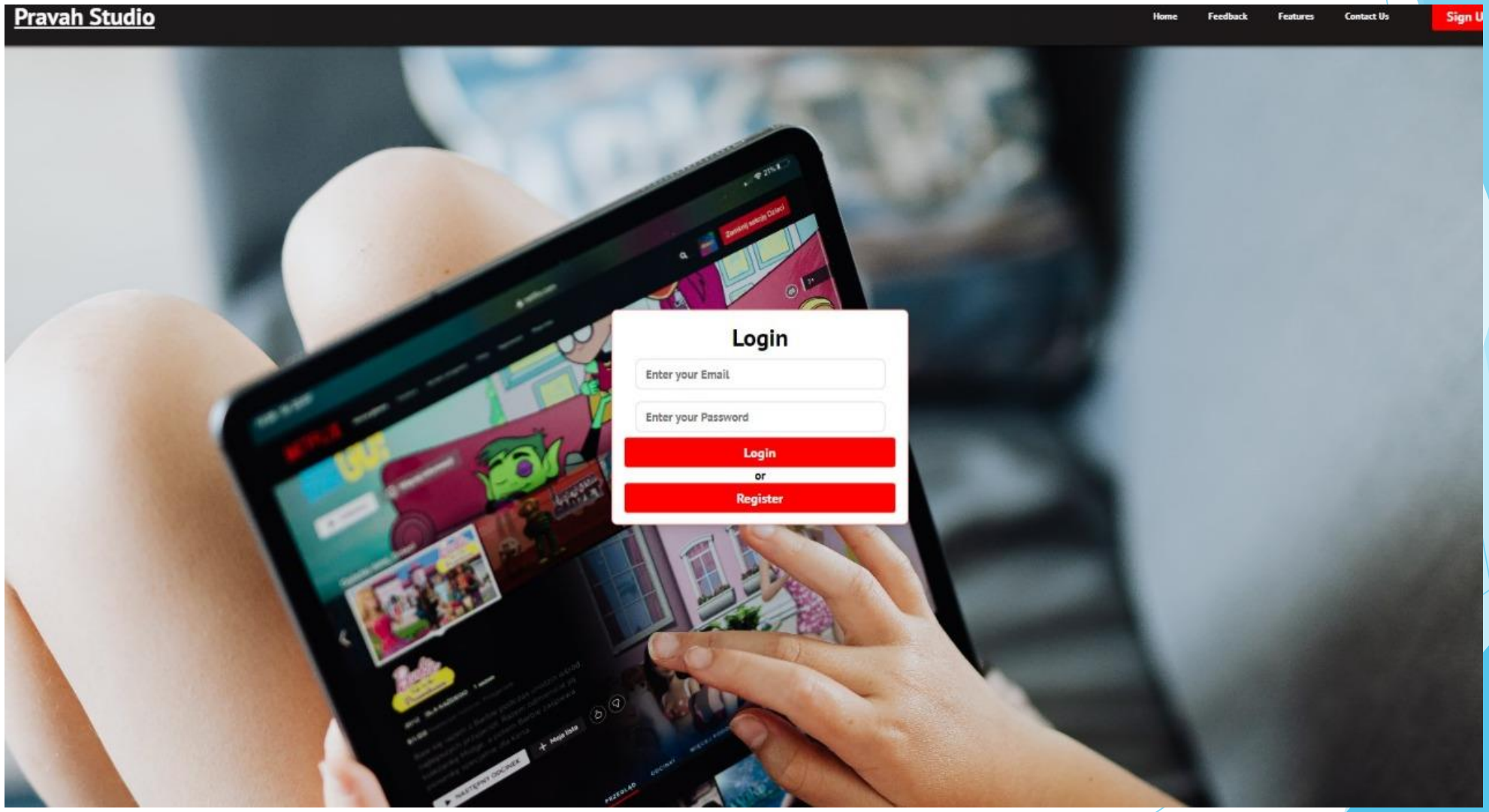
Frequently Asked Questions

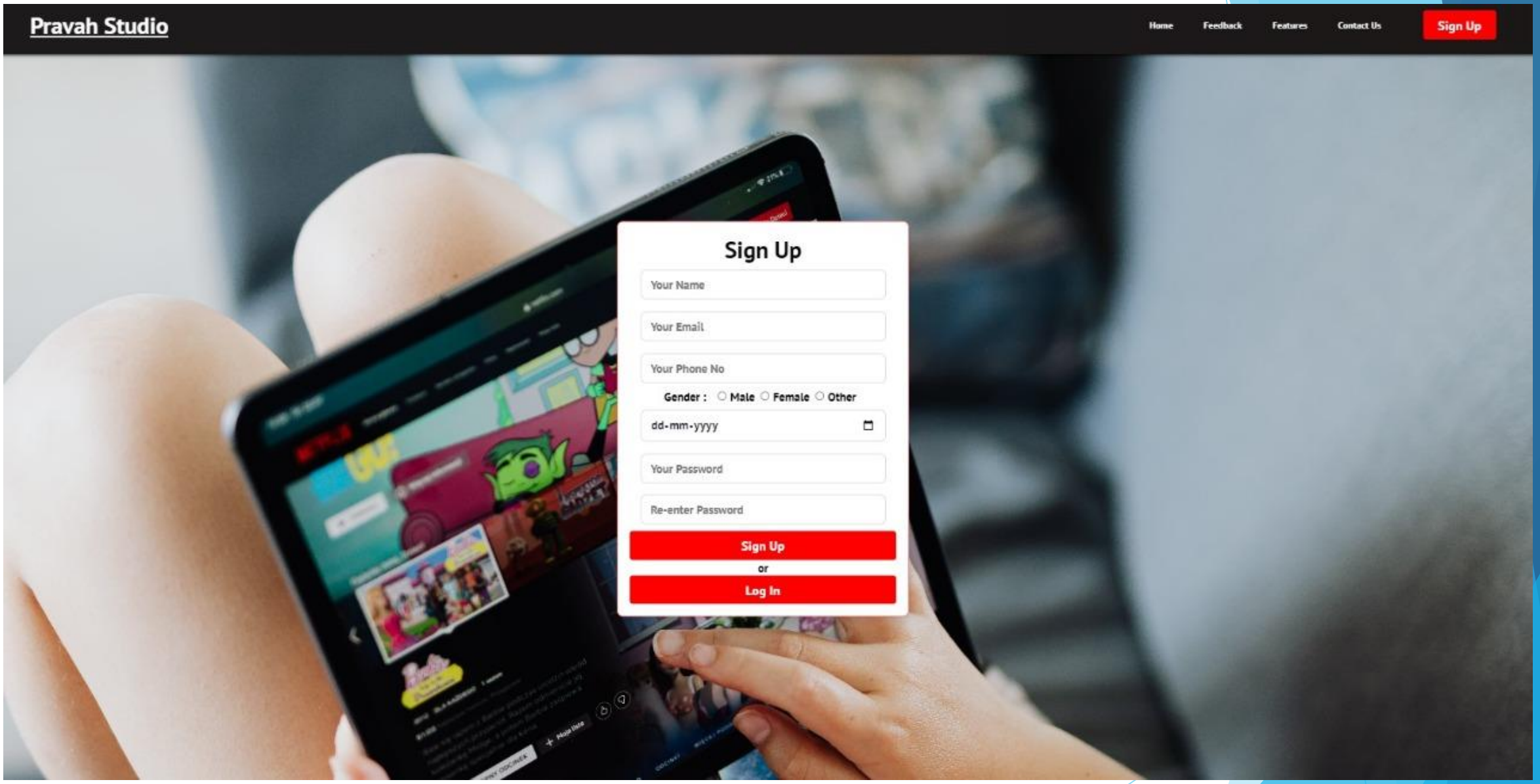
- What is Pravaha ?
- How much does Pravaha cost?
- Where can I watch?
- How do I cancel?
- What can I watch on Pravaha??
- What is Pravaha Features?

Questions? Call 1-866-579-7172

FAQ	Home	Account	Media Center
Investor Relation	Jobs	Redeem Gift Cards	Buy Gift Cards
Ways to Watch	Terms of Use	Privacy	Cookie Preferences
Corporate Information	Contact Us	Speed Test	Legal Notices
Netflix Originals	#	#	#

PRAVAHA US ON Pravahavishnu@mail.studio


Pravah Studio
Home
Feedback
Features
Contact Us
Sign U
Login
Enter your Email
Enter your Password
Login
or
Register


Pravah Studio
Home
Feedback
Features
Contact Us
Sign Up
Sign Up
Your Name
Your Email
Your Phone No
Gender : Male Female Other
dd-mm-yyyy
Your Password
Re-enter Password
Sign Up
or
Log In

Conclusion and Future Scope

- User can successfully Register and Login him/herself to Pravah streaming platform and Enjoy his/her favorite content for free.

- User can see there daily content analysis
- Parents can get a track on the child content
- Video Streaming

References

- HTML Black Book
- YouTube
- Wikipedia