



RISE APPLICATION (WITH MESSAGING APP)

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ABSTRACT

OTT platforms allow you to access media services anytime and anywhere. And this stands as the biggest advantage of OTT platforms. Thanks to the VoD services, you get to enjoy your favourite shows anytime, anywhere. Also, it is now compatible with digital devices like Smart Android TV and other devices so, you can enjoy streaming on that too. You can access it on any device irrespective of the network carrier. The accessibility of OTT content is what it makes so popular and widely accessed. For OTT streaming all you need is an internet connection and a compatible hardware device. OTT platforms like Netflix, Amazon Prime, Hotstar, and Hulu have gained huge popularity. With the urge to get more and more on-demand entertainment, people are subscribing to streaming services even more.

1. INTRODUCTION

RISE is an Ott platform where a user can sign in and watch trailers, songs and watch Tv series and movies on this application for free. Rise has an attached messaging app with it and a UI Design that attracts more traffic more leads. It has a simplified Navigation system and Colour-oriented Design

The speed of the WebPages is amazing and fast for better user experience.

The “BEST PART ABOUT RISE IS THE USER

CAN UPLAOD THEIR OWN CONETNT ON THIS “.

OTT platforms such as **Netflix, HBO, KODI TV, IPTV** etc., are increasingly becoming popular to a great extent. With the urge

To get more and more on-demand entertainment, people are subscribing to the streaming channels even more. Here are some reasons that back up for online streaming services.

Provided everyone or anyone can access the top- quality content once paid for the subscription, there are

Many **advantages of OTT Platform**. OTT Platforms flourished more during the pandemic playing an essential role in the information revolution and development. There are thousands of programs you can access with a monthly subscription. Freedom to access international web series, shows, live sports telecasts, and favorite flicks on the go is one of the greatest **pros of streaming platforms**

This application is based on new technologies in a manner in which the user stream movies and watch their shows online. This application consists of a chat application as well where the users can chat while they enjoy their shows and chat as well. There's no doubt that of the major advertising benefits of OTT, the most significant is your company's potential ability to engage with a younger, wealthier, and larger media consuming population

that you could through traditional programming. A recent study by Nielsen, the media company that helps measure how many people watch specific TV shows, showed a drop of 40 percent in over-the- air or cable TV consumption in the past five years by 18 to 24-year-olds. It also consists of google

Authentication where the users can Login/Sign In and pay subscription and watch and enjoy the services. This app also has a login and Sign In page with firebase attached to it. While the user.

Existing System

RISE has this unique message option where the user can use it to chat with his/her peers while the watch movie .

Lots of online streaming applications popular in Western countries have gotten attention from Indians since the 4G drive. Before that, India had few OTT platforms like nexGTV and Sony Liv which were not that popular back then. But now some Indian online streaming media applications are giving tough competition to popular foreign applications like Netflix.

Rise is an OTT platform where you can Stream movies, TV shows, Watch Trailers It's made in React.js, Mongo DB and socket.io. Users has a beautiful Navigation system and Colour-oriented Design

2. LITERATURE REVIEW

OTT services can dazzle new users with all the latest features and functionality, but without quality content, there's no guarantee they will stick around or return. Content really is critical to the success of an OTT service In fact, the consumer appetite

for high-quality content is increasing, and we're starting to see users sign up to more than just one OTT service. This segment of the market is still growing, so there's plenty of room for new OTT entrants that want to attract viewers who are not fully satisfied by just one service.

Digital TV Europe's recent annual survey revealed 62.9% of respondents agreed, original content that's not available elsewhere is the most compelling reason to sign up to an OTT service. Followed by being able to watch content inside and outside of the home. Original content doesn't necessarily mean you need

3. METHODOLOGY

Rise has been created in such a way where it can allow the user to upload their own content. And message their friends.React.js and firebase has been used to develop the messaging app and Creating a Navigation and a footer with button in React.js and Swiper and Web Vitals.

Creating a class that can hold all the buttons with its constructor and the calling the objects of those class one by one. Using CSS to design the button and Logo "Rise".

Rise Uses Third Party API to log Pics and Movie pics to Pop on the main screen.

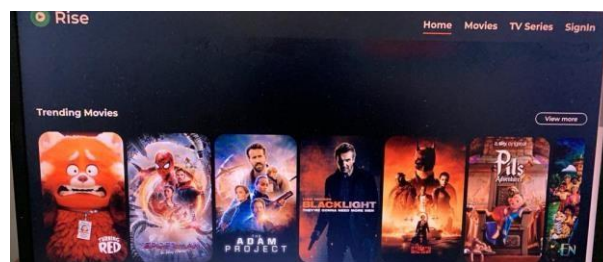


Fig:1 Methodology

From the Navbar and Body Header we must make a movie Grid That Supports and works Like an Array and has a scroller slide.

This Array consists of Movie and Tv shows and personalized Movie search options.

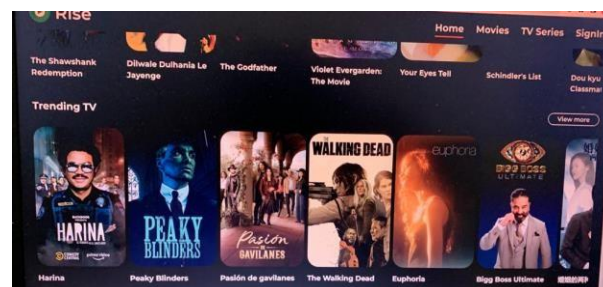


Fig:2 Movie-GRID

This Fig:2 Shows movie grid that stores and shows movie and throw these Trailers of new Movies And can be watched for Free.

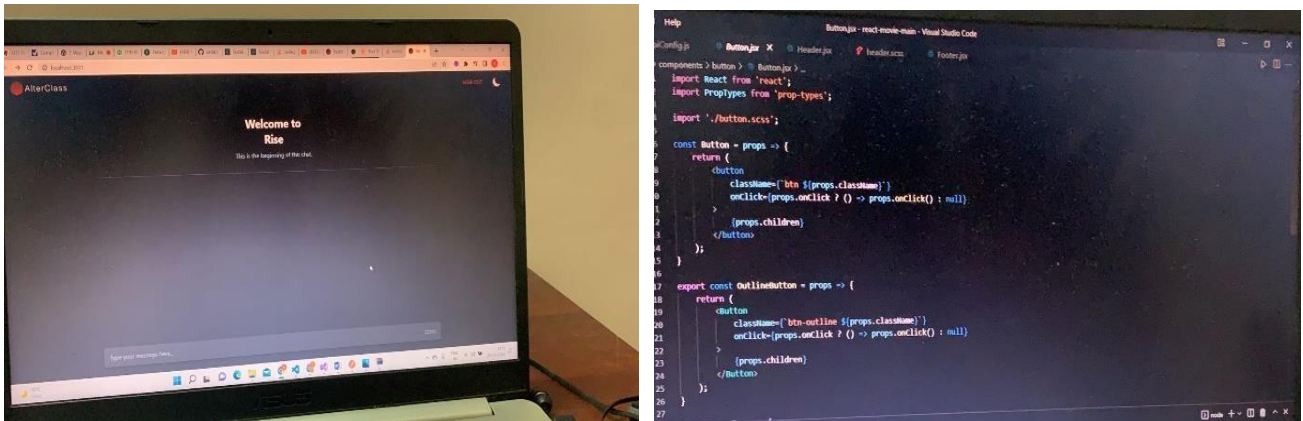


Fig:3 Using Props for Buttons and Navbar

This Fig:3 React Props Being used to Style them and use the OnClick method to click the SignIN Buttons

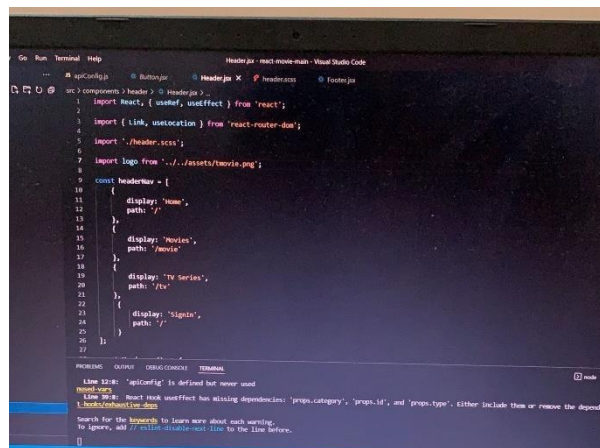


Fig:4 Fig:4:- Creating a Class that consists of Constructors and can be called to make objects

Proposed system

Creating a Movie Application with attached Messaging App Consists of Dark mode and Light mode. Connecting the messaging app with firebase and google user authentication and built firebase storage. The signIn and connect with his or her friends to chat while The Trailers and Songs can be heard. Messaging App is secured by Https protocol and Google Authentication.

IMPLEMENTATION

Rise is made completely in react.js, tailwind, MongoDB for the movie application and firebase for the messaging app. Connecting the movie app with messaging app. Onclick Option in React to sign and Log In. Rise has one of the best UI design and the option for the user to upload their own Content.

MESSAGING APP:-

.Developed in React.js and css. Firebase as the database to store all the private messages of the user. Firebase API for Google authentication.

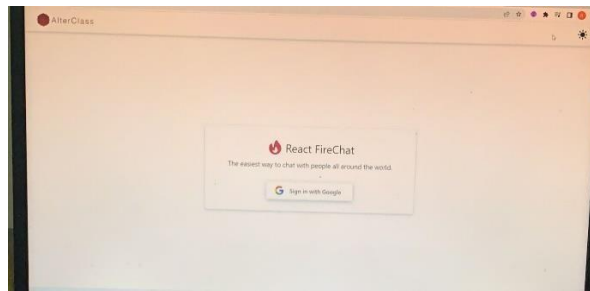


Fig5:-Message app Rise

```
Run Terminal Help Input.jsx - react-movie-main - Visual Studio Code
... appConfig.js Header.jsx Input.jsx Header.scss Footer.jsx
src > components > input > Input.jsx > ...
1 import React from 'react';
2
3 import './input.scss';
4
5 const Input = props => {
6   return (
7     <input
8       type={props.type}
9       placeholder={props.placeholder}
10      value={props.value}
11      onChange={props.onChange ? (e) => props.onChange(e) : null}
12     />
13   );
14 }
15
16 export default Input;
17
```

Fig 6:-Input.js File

```
Terminal Help App.css - react-movie-main - Visual Studio Code
... appConfig.js App.jsx Header.jsx Header.scss Footer.jsx
src > App.css > ...
1 @use './scss' as *;
2
3 @import url('https://fonts.googleapis.com/css2?family=font-serrat:weight@400;500;600;700;800&family=swag');
4
5
6 {
7   padding: 0;
8   margin: 0;
9   box-sizing: border-box;
10  scrollbar-color: transparent;
11 }
12
13 h1 {
14   font-size: 100%;
15 }
16 @include tablet {
17   font-size: 80%;
18 }
19 @include mobile {
20   font-size: 60%;
21 }
22 }
23
24 body {
25   font-family: $font-family;
26   font-weight: 600;
27   line-height: 1.5;
28 }

```

Fig7:- App.css file

```
Run Terminal Help App.js - react-movie-main - Visual Studio Code
... appConfig.js Header.jsx App.js Header.scss Footer.jsx
src > App.js > ...
1 import 'swiper/swiper.min.css';
2 import './assets/boxicons-2.0.7/css/boxicons.min.css';
3 import './App.scss';
4
5 import { BrowserRouter, Route } from 'react-router-dom';
6
7 import Header from './components/header/Header';
8 import Footer from './components/footer/Footer';
9
10 import Routes from './config/routes';
11
12 function App() {
13   return (
14     <BrowserRouter>
15       <Route render={props => (
16         <>
17           <Header {...props}/>
18           <Routes/>
19           <Footer/>
20         </>
21       )}/>
22     </BrowserRouter>
23   );
24 }
25
26 export default App;
27
```

Fig8:- App.js File

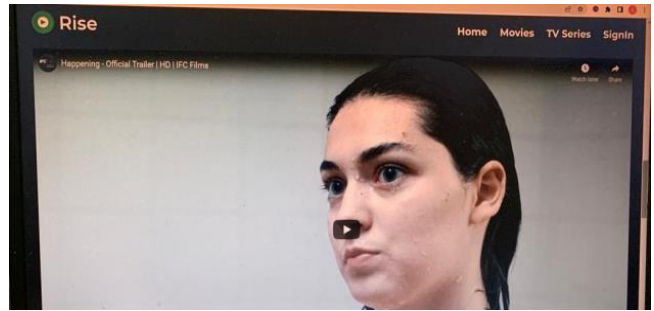
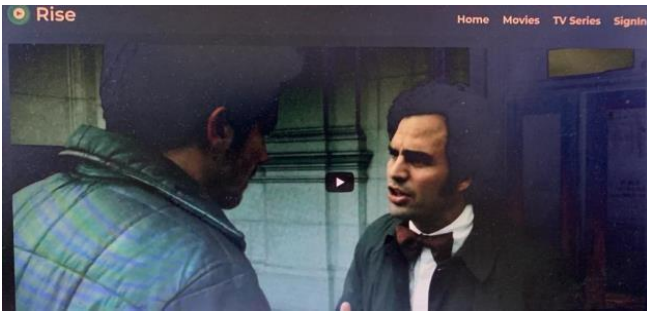


Fig9:Rise Trailer review

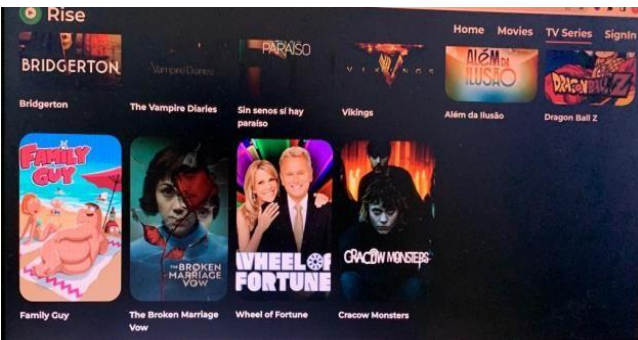


Fig10:Rise Tv shows

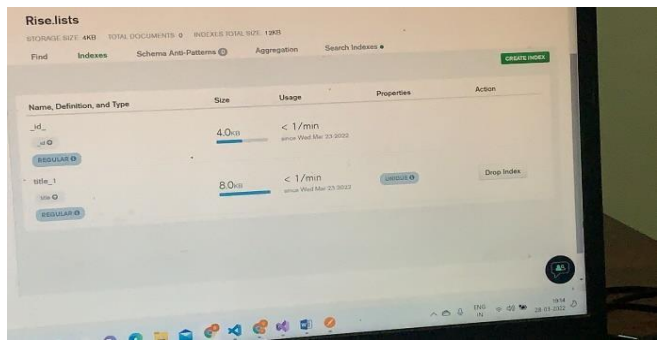


Fig11: MongoDB Active

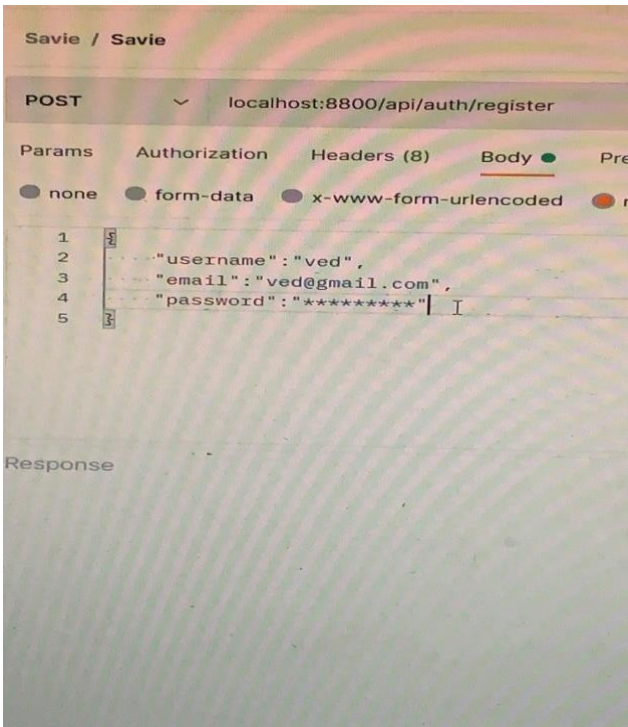


Fig12: MongoDB User data

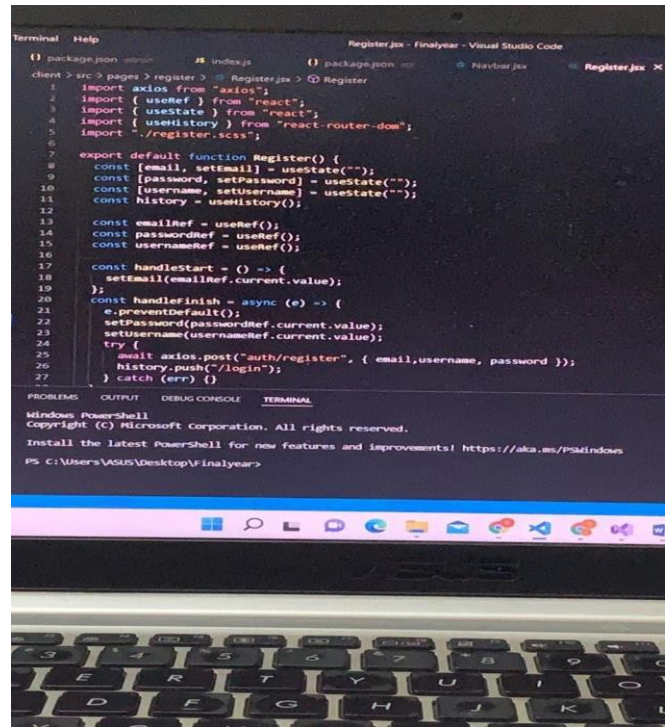


Fig14: Register.jsx

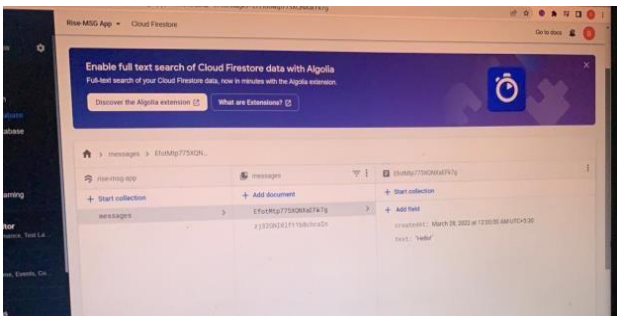


Fig13: Message App user data

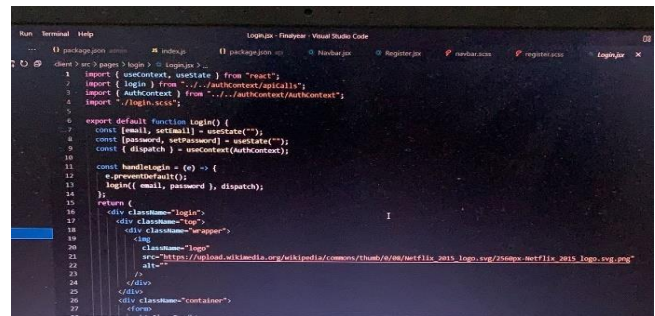
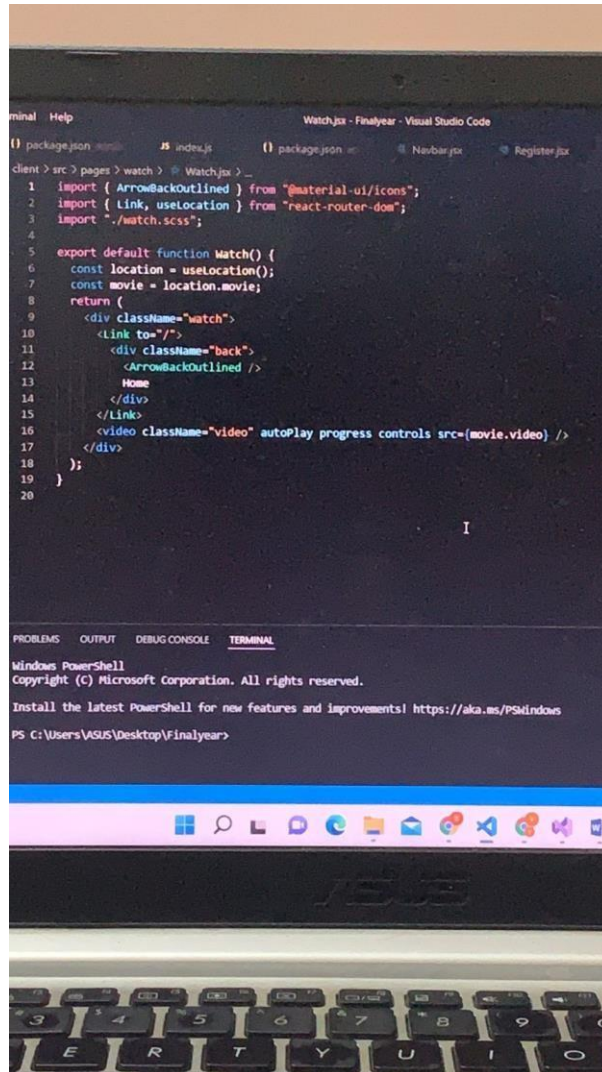


Fig15: Login.jsx



```
terminal Help Watch.jsx - Finalyear - Visual Studio Code
() package.json main.js index.js () package.json ... Navbar.jsx Register.jsx
client > src > pages > watch > Watch.jsx > _
1 import { ArrowBackOutlined } from "@material-ui/icons";
2 import { Link, useLocation } from "react-router-dom";
3 import "./watch.scss";
4
5 export default function Match() {
6   const location = useLocation();
7   const movie = location.movie;
8   return (
9     <div className="watch">
10      <Link to="/">
11        <div className="back">
12          <ArrowBackOutlined />
13          Home
14        </div>
15      </Link>
16      <video className="video" autoPlay progress controls src={movie.video} />
17    </div>
18  );
19 }
20
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Install the latest PowerShell for new features and improvements! <https://aka.ms/PSMinidows>
PS C:\Users\ASUS\Desktop\Finalyear>

Fig16:- API watch.jsx

4. CONCLUSION

RISE brings a new whole experience of messaging and watching your favorite TV shows with just one App. Rise has the ability to be the top OTT platform with add features and smooth ui design where the user can Themselves Upload content of their own.

What OTT platforms are, how they work, their benefits and their future. And now we can surely conclude that OTT is the future of delivering online media content. Also, it is a convenient replacement for the TV Cable.

There are numerous OTT platforms available today. And, all those platforms have their own unique features and capabilities to offer. And mostly all of them are suitable for streaming VoDs and live events. However, when choosing an OTT platform for yourself, review your requirements carefully and allocate a budget for it. This will help you make a more appropriate decision. Additionally, we've given you a few tips and features to choose the best OTT platform and monetizing your video content.

REFERENCES

- [1] <https://socket.io/docs/v4/>
- [2] <https://www.themoviedb.org/Api> 3.
- [3] <https://www.mongodb.com/cloud/atlas/lp>