

ABSTRACT

Team Name: **CodeBreakers**

Members:

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Problem Statement – **StrangeFlix Streaming(Medium)**

Description

- o An On Demand Video Streaming platform
- o Our platform provides an immersive experience where user can watch all their favourite movies, series and videos.
- o Every user will have personalized experience as per the categories and tags of his choice.
- o User will have smooth controls and quality assured content on the portal.

• *Basic Features*

- o An admin panel to control the content being shared on the platform.
- o Login/Signup facility for users along with e-mail verification to activate account.
- o Users can also choose to login using their social accounts like Facebook, Google, etc.
- o Allows content provider to upload videos normally or via YouTube link or Amazon S3 bucket link.
- o Allows searching videos based on name, category or tags.

- o A fully featured video player with features like play, pause, full screen, theatre mode, next, previous and many other features.
- o Allows users to purchase subscription based on different available plans.
- o Also allows users to view and pay for only selective videos.
- o Allows users to flag a video as offensive or inappropriate.
- o Users can like and comment on any video or can report a comment if they find it inappropriate.
- o Admin can take action on the reported videos or comments.

- *Advanced Features*

- o Users can also add videos to their favorite list.
- o Recommending videos to users based on their previous watching history and the new releases or the most watched content by other users.
- o User can resume the video from where he has last left the last time on re-login.
- o Automatically plays all the videos in a playlist.
- o Video player also contains cool features like skip ads, skip +10/-10 secs, playback rate, quality, turn on/off captions etc.

- *Technology Used*

- Front-End

- HTML
- CSS
- JavaScript
- Bootstrap4

- Back-End

- Django – Python Framework

- DataBase
 - Sqlite3
- Payment Gateway
 - Instamojo
- REST API

- *Special Features*

- o Payment via user wallet to provide hassle free transaction and to grant faster access of the content to the user.
- o Add money to wallet feature in user account.
- o User can also view their wallet transaction history.
- o User can create or join an existing room where friends can come along and watch a movie or series together.
- o Allows multiple content providers to upload content after being verified by the admin.