**NETFLIX CLONE**

**Project Synopsis: Netflix Clone**

**Abstract**

The **Netflix Clone** project aims to replicate the popular video streaming service, Netflix. By developing this clone, we seek to understand the impact of video streaming technology and how it has transformed media consumption. Our project explores the features that make Netflix successful and provides insights into building similar platforms.

**Introduction**

Video streaming services have revolutionized how users consume media. Netflix, as a leading provider, has reshaped the entertainment industry. Our project delves into the technology behind Netflix and its impact on consumers.

**Scope & Objective**

The primary goal is to create a feature-rich Netflix clone that mimics the look and feel of the original platform. We aim to:

* Fetch data from an API (using ThemovieDB API and the movie-trailer npm package).
* Host the web application on Firebase.
* Handle error scenarios effectively.

**Technical Details**

The Netflix Clone will include:

* User authentication and profiles.
* Movie and TV show listings.
* Recommendations based on user preferences.
* Error handling mechanisms.

**Methodology**

We’ll use the following tools and technologies:

* **Frontend**: HTML, CSS, JavaScript.
* **Backend**: ThemovieDB API, Axios for data fetching.
* **Hosting**: Firebase Hosting.
* **Tools**:VS Code, Figma,