Small Channel Shootout

Created by: **Tyler Parks**, **Nabin Bhatta**, **Saiman Sigdel**, **Cayden Chancey**, and **Chris Dunlap** - Sponsored by: **Dominik Keul**

The University of North Texas - CSCE 4901: Senior Design - 3940 N Elm St, Denton, TX 76207

Project Overview

The Small Channel Shootout is a web-based application that aims to promote small content creators and their content by hosting a voting "shootout" between channels.

Goals

The project provides a platform where people can consume, discuss, and vote for the content of small channels.

Our group predicts that this platform will generate a larger interest and investment into small channels as a whole.
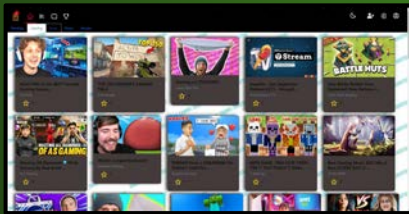
Project Design

The web application is built using MERN stack. (**M**ongoDb, **E**xpress, **R**eact and **N**ode).

- MongoDb provides database service.
- Express middleware connects backend and frontend.
- A responsive and cross-platform frontend was built using the React library.
- The application's backend is hosted using a Node.js server.

Figure 1: Homepage.
Main pages will be populated based on genre or search query in a grid format.

Figure 2: Threads page.
This page will have a Reddit-like feel and be populated with discussions.

Features

The user will have the ability to vote on videos that compete against one another. After each voting period ends, the winning videos are displayed on the homepage of the website.

Additional functionality includes:

- Users will be able to create posts where they can discuss about the contents of the website.
- User's profile pages will have their information with liked video and videos they have voted on.
- The app will generate revenue by running ads on it.

Testing

Each new feature we add to the web application undergoes thorough testing to ensure optimal functionality.

Project Importance

Small creators are not really getting the recognition they deserve because it is hard for them to compete with big creators. This project hopes to give small channels a platform where they compete with other small channels. This platform helps the content creators to show their talents and people can enjoy new contents that they would not have seen otherwise.

Final Thoughts

This website will provide a necessary supplement to social platforms like YouTube. We will give smaller channels the chance to grow a fanbase better than YouTube or Twitch would. Small channels should have just as much of a chance to be viewed as large channels.