# Streambuster

### Team: M8

#### Members:

Lucas Angelozzi

* Database design
* React web architecture
* Plays piano
* Fast developer
* Backend design experience

Cameron Fung

* Web architecture knowledge
* Dedication to projects that interest him
* Collaborates well with people
* Database design
* Deployment experience

#### Project idea

Our project is an AI assisted video streaming platform that enables users to stream movies and TV from free online sources via a usable user interface. It features an AI chat that allows users to ask for recommendation of movies and TV shows to help them find their next binge-worthy media. It is built upon a micro-service architecture that separates various services such as: LLM, authentication, user management, CDN (content delivery network), and search functionality to name a few. The LLM is powered by Ollama and is interfaced through an express server. The rest of our micro-services are powered by an efficient Golang server. The client application that leverages our services is written in React and provides special user and admin features once authenticated.

#### Architecture diagram

