

A decorative graphic on the left side of the slide consisting of overlapping geometric shapes. It includes a blue parallelogram, a light green parallelogram, and a dark grey parallelogram, all with diagonal lines.

Unicorn View Predictor

Patrick O'Brien
Role: Developer


Team Idea: Web App

Problem Statement: Develop and design a tool that forecasts how popular a Youtube video will be.

Persona: A mid range successful Youtuber who wants to make popular youtube videos for monetization purposes.

Solution:

- Website -> Web App
- Sequential Neural Network
- Model View Controller
- Currently Predicts View Count
- Could Expand to Likes Count

 Unicorn Views Predictor

What video are you thinking of making?


Describe your idea in keywords (separated by comma), and we can show you how many views and likes it could get:

Type in some keywords ... like, unicorn?

Tip: Provide as many keywords as possible relevant to your video to help us make more accurate predictions!

Predict

Screen 3

 Unicorn Views Predictor

Based on our prediction, your video about:

Lorem ipsum, dolor sit amet, consectetur, adipiscing elit, sed do eiusmod, tempor incididunt, ut labore et dolore magna aliqua

Will likely get

12,104

Predicted Views

2539

Predicted Likes

Try again



Segregation of Duties:

- Different Job functions were clear
- Communication for overall understanding we were on the same page
 - Leading discussion with other team mates to work together
 - Make sure we had a cohesive idea

Team Members:

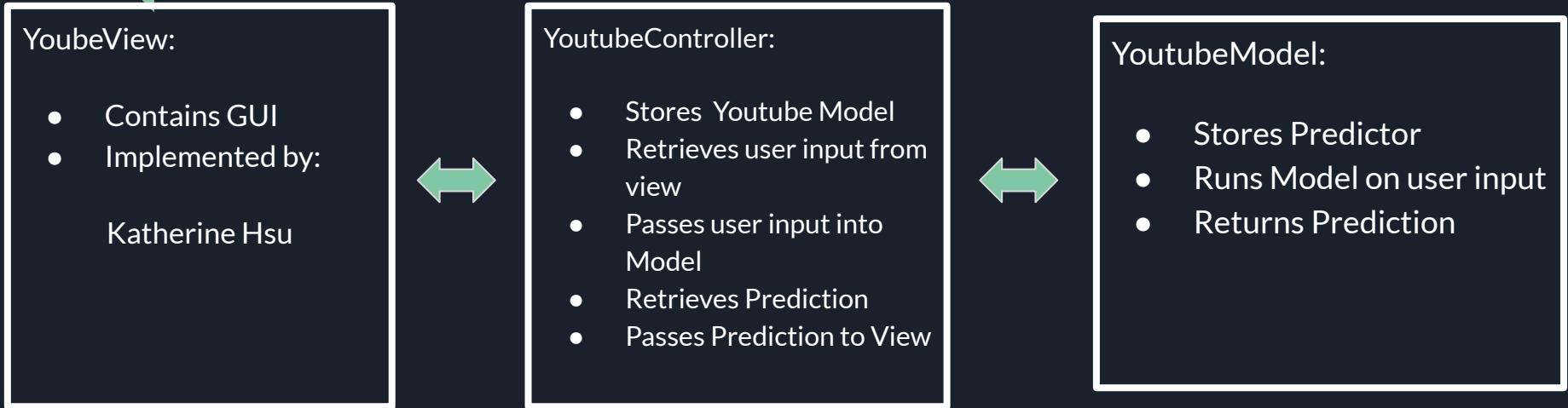
Shreerang Javadekar: Data Science

Katherine Hsu: Developer

Maggie Chen: Design

My Contribution:

Model-View-Controller Architecture



Why: Common Design pattern used for developing user interfaces and apps. Divides up the program into three interconnected elements. This Decouples these major components for code reuse and parallel development.



What I would do Differently?

- The app went through a shift in language half way through
 - Discuss frameworks, languages, and skill sets more thoroughly
- Connect the view and the controller using a Framework



Current Version---- Thank You!!!

Unicorn Views Predictor

What kind of videos are you thinking of making?

Describe your idea in keywords

Type in some keywords to see how many views and likes it might get, separated by comma.

Predict

Provide as many keywords as possible relevant to your video idea, and we can show you how many views and likes it might get.