

logi Live

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To Hold A Live Show
You will need



佔地面積大

(Large area)



專業設備成本

(Hidden cost)



人力成本

(Human resource cost)

錄影設備 + 錄影團隊/現場工作人員
(equipments + big team w/ serveral staff)



20%

More than 20% Facebook videos are Live and are watched 3X longer than pre-recorded videos



45%

Live Video Users are willing to pay for live content



70%

Audience is willing to buy an event ticket after they have viewed it live

The Solution is...

Demo



Features

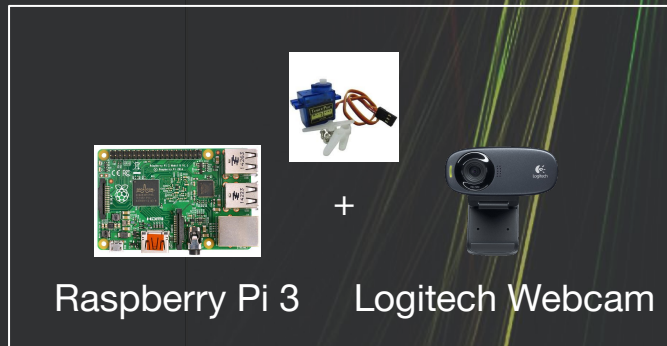
AI-assisted Live Streaming Monitoring for Youtubers
&
A Low Cost and Highly Customizable System

The background of the slide is a dark gray color. It features a series of thin, colorful lines in shades of yellow, green, red, blue, and purple. These lines are oriented diagonally, running from the top-left towards the bottom-right, and they appear to be slightly blurred or motion-blurred, giving a sense of dynamic movement or data flow.

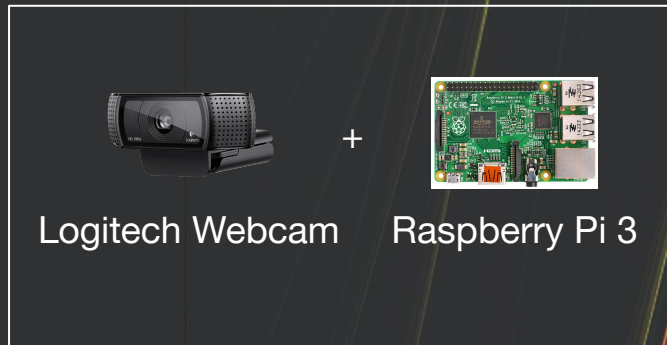
Technologies

System Architecture

Tracking Devices



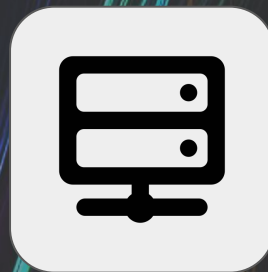
Recording Devices



Face Detection
Coordinates



iPad Monitoring



Server
(Laptop)



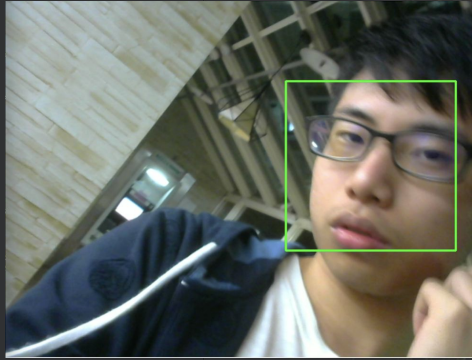
Live Streaming

Server in detail

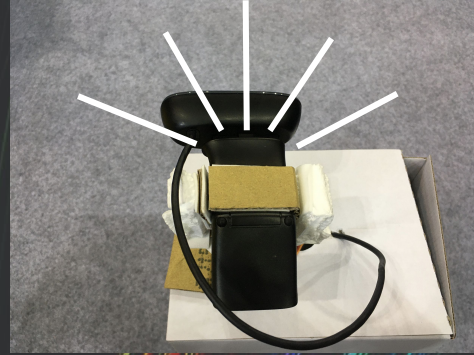


- Performing the followings:
 - Face Detection (CNN)
 - Postprocess video streams (OpenCV)
 - Control stream options
- All devices communicate via private network
- Communicate by UNIX sockets

Face Detection and Tracking



Face Detection

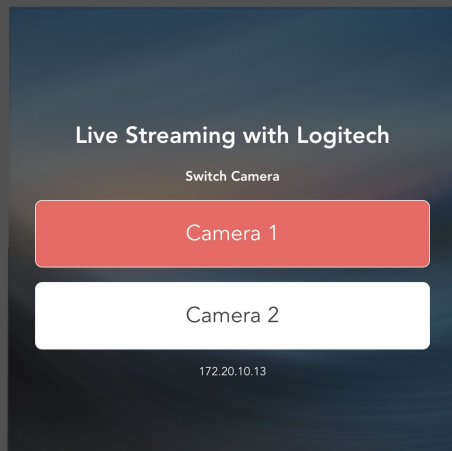


Degree Calculation



Motor Movement

Streaming Control



+

Backend: Flask
Frontend: Vuejs



Commands
via Sockets



Cam 1



Cam 2



Future

1. Object Detection
2. Open Course Webside
3. Ball game



謝謝大家

Thank you :D