

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

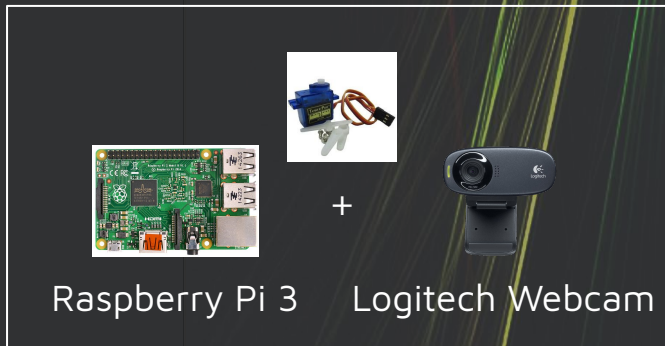
AI-assisted Live Streaming Monitoring for Youtubers
&
A Low Cost and Highly Customizable System

The background of the slide is a dark gray or black. It is decorated with numerous thin, straight lines of various colors, including yellow, green, red, blue, and purple. These lines are oriented diagonally, running from the top-left towards the bottom-right, and they overlap each other, creating a sense of depth and movement.

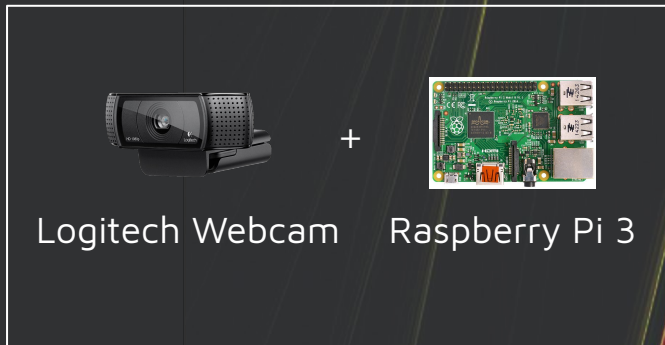
Technologies

System Architecture

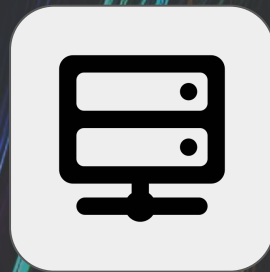
Tracking Devices



Recording Devices



Face Detection
Coordinates



Server
(Laptop)



iPad Monitoring



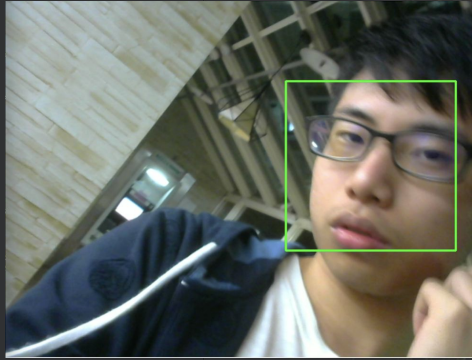
Live Streaming

Server in detail

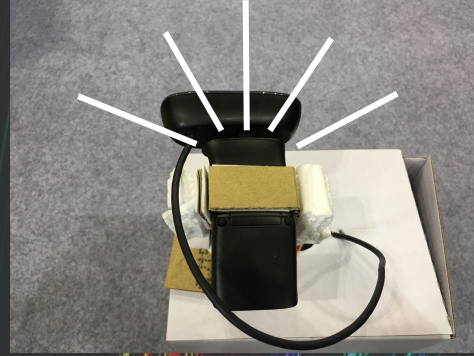


- Performing the followings:
 - Face Detection (CNN)
 - Postprocess video streams (OpenCV)
 - Control stream options
- All devices communicate via private network
- Communicate by UNIX sockets

Face Detection and Tracking



Face Detection

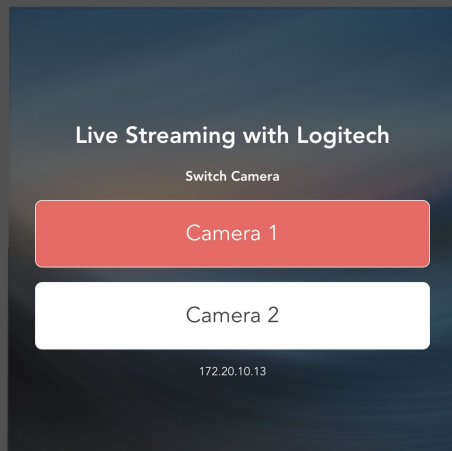


Degree Calculation



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