

A cluster of five stars (red, yellow, blue, teal, and yellow) with short lines radiating from them, located in the top-left corner of the notebook page.A cluster of five stars (yellow, red, blue, teal, and yellow) with short lines radiating from them, located in the top-right corner of the notebook page.

具智慧目標追蹤 功能的緊急視訊 通報系統

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研究動機

PART ONE

校園安全問題

1. 死角太多
2. 攝影機與緊急按鈕涵蓋範圍不夠大

類比攝影機的缺點

1. 架設電纜線連接至中控室的成本昂貴
2. 需人力長時間關注攝影機畫面

研究動機

手機室內定位不準確

1. 精確度不佳
2. 易受到其他訊號干擾

尚未提及

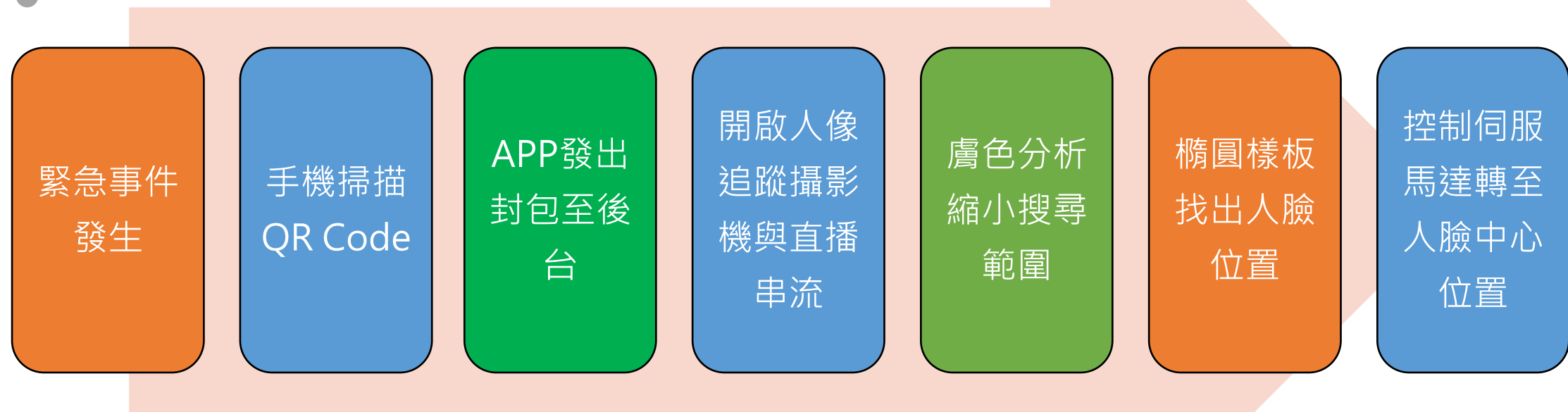
尚未提及



研究方法

PART TWO

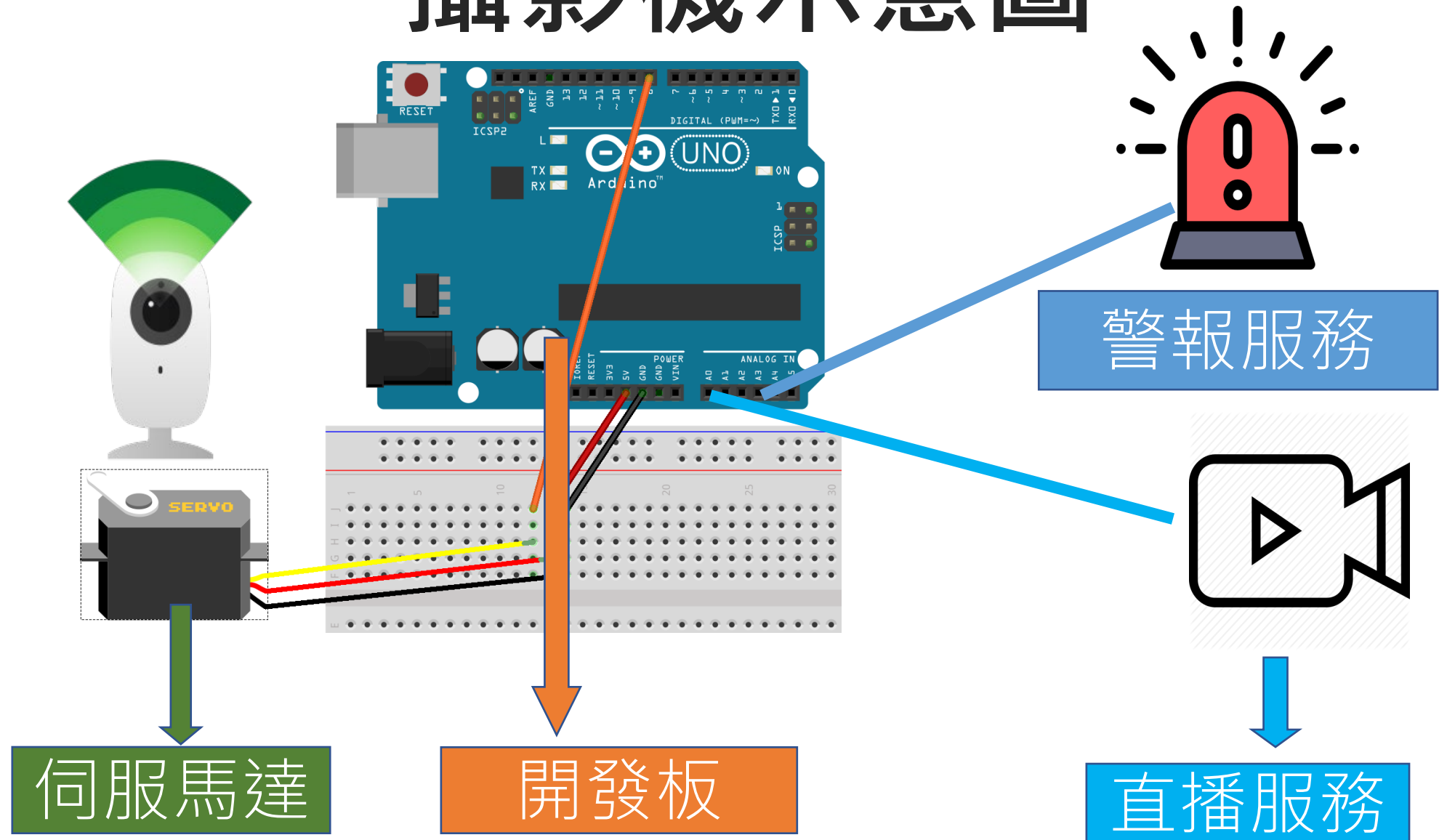
系統操作流程圖



APP示意圖



攝影機示意圖



後台示意圖

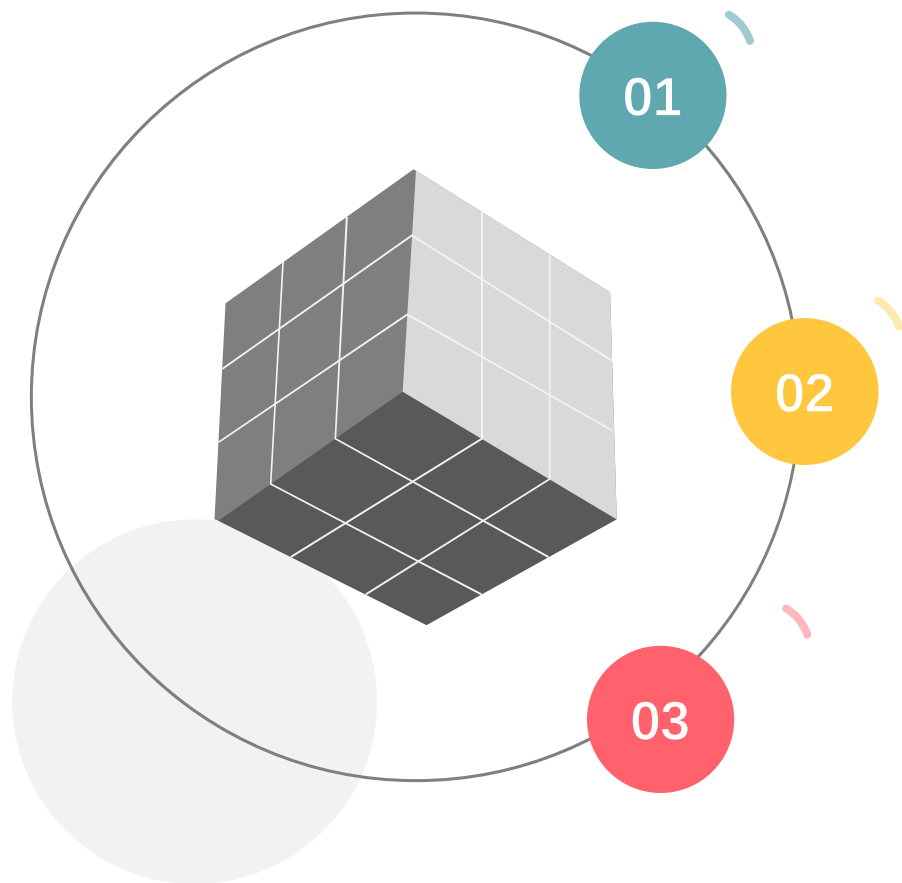




預期結果

PART THREE

預期結果



01

使用者發生緊急情況時，管理者能夠快速知道使用者的位置。

02

提升影像串流傳輸質量。

03

提升人臉追蹤準確度。

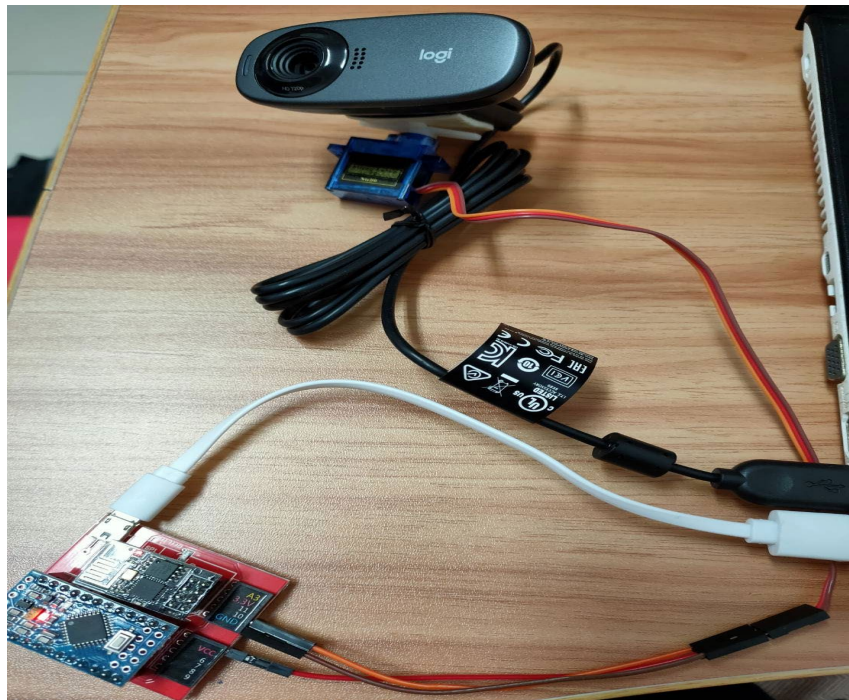




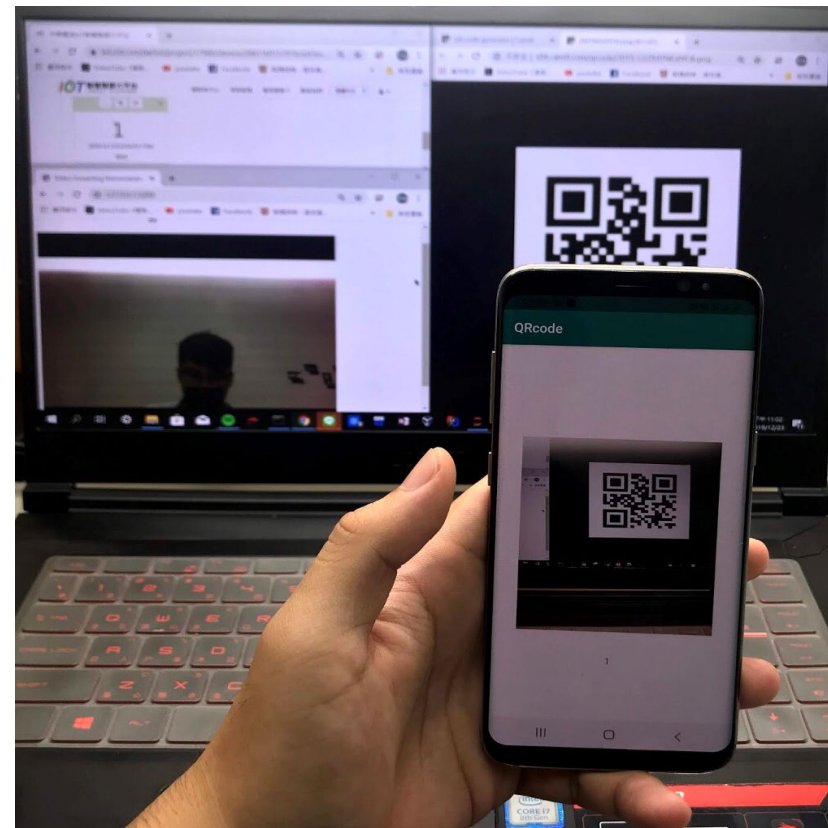
目前進度

PART FOUR

目前進度



Webduino執行人臉辨識並
控制伺服馬達轉動攝影機持
續追蹤人臉位置完成



APP掃描QR code
並發送封包完成



A decorative arrangement of stars in blue, yellow, teal, and red colors, positioned above the main title.

未來進度分配

PART FIVE

Webduino抓取
APP發出的封包

尚未提及
尚未提及

尚未提及
尚未提及

尚未提及
尚未提及

尚未提及
尚未提及

2020-04

2020-05

2020-06

2020-07

2020-08

感謝聆聽

The image features the Chinese phrase '感謝聆聽' (Thank you for listening) written in a large, stylized font. The characters are composed of various colors including red, yellow, blue, and teal, with some parts having diagonal stripes or dotted patterns. Surrounding the text are several colorful stars (red, yellow, blue, and teal) and lines radiating outwards, creating a festive and celebratory atmosphere. The entire graphic is set against a white background that resembles a spiral-bound notebook page, with a teal cover on the left and a pink cover on the right.