

# 作品簡介

## 密碼狂想曲

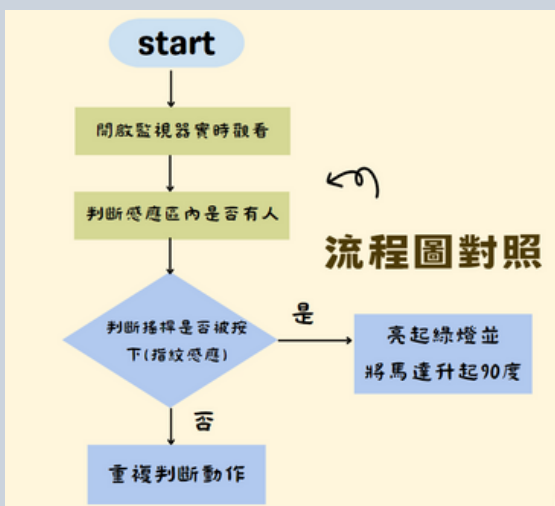
### 研究動機:

由於學校的都是採用傳統的鑰匙鎖門，時常有人會忘記帶鑰匙，鑰匙不見被鎖在門外的情況發生，所以我們想要把老舊的傳統門，改換成電子鎖，只需要依靠人臉辨識，或指紋即可解鎖，每學期只需實習股長去新增指紋和人臉，就能解決每次上下課都要去借還鑰匙的困擾

### 分析圖:



### 流程圖:



### 流程圖對照



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# PROJECT OVERVIEW

## ACCESS CONTROL

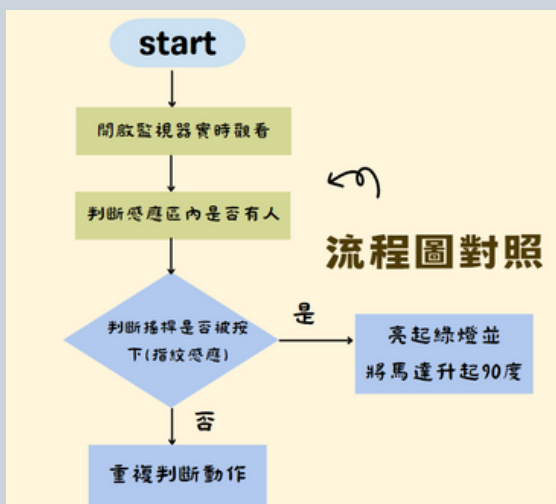
### RESEARCH MOTIVATION:

CONSIDERING THE FREQUENT PROBLEM OF FORGOTTEN OR LOST KEYS FOR SCHOOL DOORS, WE'RE CONTEMPLATING A SWITCH TO ELECTRONIC LOCKS. THESE LOCKS WOULD USE FACIAL RECOGNITION OR FINGERPRINT SCANNING, REMOVING THE NEED FOR PHYSICAL KEYS. EACH SEMESTER, THE SUPERVISOR WOULD MANAGE ADDING NEW FINGERPRINTS AND FACIAL DATA, MAKING ACCESS EASIER FOR STAFF AND STUDENTS.

### CHART ANALYSIS:



### FLOWCHART:



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