|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Option | Criteria1 | Criteria2 | Criteria3 | Keep | Dicard | Stop |
| 正對牆停車 | V Sonar | V | 3 | V |  |  |
| 警鈴 | V Buzzer | V | 2 | V |  |  |
| 旋轉警鈴 | V Buzzer+Servo | X buzzer跟Servo只能擇一 | 2 |  | V |  |
| Laser警燈 | V Laser | V | 1 | V |  |  |
| 旋轉警燈 | V Laser+Servo | X buzzer跟Servo只能擇一 | 1 |  | V |  |
| 遙控 | V Bluetooth or IRremote | V | 2 | V |  |  |
| 自走迷宮車 | X Sonar不夠 | X buzzer跟Servo只能擇一 | 2 |  | V |  |
| Line tracking | V IR | V | 3 | V |  |  |
| 旋轉Sonar | V Sonar+Servo | X buzzer跟Servo只能擇一 | 2 |  | V |  |
| 循線+靠牆減速 | V IR+Sonar | V | 3 | V |  | V延遲太嚴重 |
| 調整速度 | V程式 | V | 2 | V |  |  |
| 貼牆走 | V | V | 2 | V |  | V Sonar無法偵測太近 |

Criteria1：是否可行？是否有儀器能達成需求？Yes: V, No: X

Criteria2：是否符合「沒有任何軟硬體衝突」？Yes: V, No: X

Criteria3：是否增進行走安全？1~3