淡江大學資工系－專題實驗記錄表

105.09.22 105學年度第1學期第1次系務會議討論通過

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| 一、指導教授：陳建彰教授 | | | 二、組別：居家健身姿勢準確度偵測 | | |
| 三、日期：2023年 3月 4日 | | | 四、地點：教授家中 | | |
| 五、專題進度：  The program seems to work pretty well, the code can count and track our movement with the external or internal camera. But the project is still unpolished and needs development so it can work more precisely and more conveniently for the user. In this week, we were discussing what kind of development we need to add to the project and how to add them. Most importantly, we discussed bugs and errors that happen during the application and how to solve them. | | | | | |
| 六、專題討論內容大綱：  We realized the computer only judges half of our body when it calculates and tracks our movement. This can lead to a problem and miscalculation. For example, in judging the leg raises movement, both legs need to raise with a straight leg position until approximately we can see our toes while lying down. But since the computer only judges half of the body, if the user only raises one leg, the computer would count it as a correct/right movement and the count would increase. In total we have 5 movements, jumping jacks, squats, push up, sit up, and leg raises. We separate the work into 2 groups, 4 movements will be handled by劉柏辰 and 鄧佳朋. The other (jumping jacks) will be handled by 鐘金文 and 丁麗璠. | | | | | |
| 七、評論與討論：  Concerning each other opinions and suggestions, we can discuss the problem and how to solve it more efficiently. Since the discussion is crucial when it comes to group work. So maintaining good communication is needed in every discussion. | | | | | |
| 六、出席學生：須簽到 | | | | | |
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實驗助教簽名：*、*指導教授簽名：

註1：每週之專題實驗紀錄表，每組每週需繳交1份，紀錄表內容字數不得少於250字。上傳後之實驗紀錄表由系辦助教審核。