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： | | |
| 三、日期：2022年 9月 29日 | | | 四、地點：教授家中 | | |
| 五、專題進度：  The feasibility of the last topic is too low, and it’s too difficult to set the scope of the subject. The project was still in the research and collecting information process, but it seems the project is going to take a lot of time. Because of that, for this week we decided to find a new topic but still based on image processing. | | | | | |
| 六、專題討論內容大綱：  We gathered a few ideas and decided to pick one. 鐘金文 suggested “Automatic Number Plate Recognition." 丁麗璠 suggested a face recognition attendance system with a deep learning system. 劉柏辰  suggested 手勢模擬筆電觸控板. After asking the teacher's opinion about our ideas, The teacher said that the face recognition attendance system with a deep learning system is easier to achieve. He also suggested that we use a single image to read all the people. If necessary, choose a webcam that can zoom in and zoom out. Then after class, we discussed which idea to choose or if we have any other ideas and suggestions. Then 劉柏辰 suggested the interpretation of the correct posture in exercise. After we did some discussion about which idea has the easier data to research or can be gathered more easily. Then we decided to pick the interpretation of the correct posture in the exercise. | | | | | |
| 七、評論與討論：  The topic we chose seems to be easier to set the scope of what we want to do. By the title topic, we also can already see the full scope thus it will be more feasible for us to do the project even it’s far easier to gather the data and information as a base of our project. | | | | | |
| 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。