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| <<Simple Life>> 會議記錄 | | | | | | | | | | |
| 會議日期 | | 2015/03/24 | | | | | | | | |
| 時間 | | 16:50~18:30 | | | | | | | | |
| 地點 | | 資110 | | | | | | | | |
| 主持人 | | 陳聿懷 | | | | | | | | |
| 紀錄者 | | 陳聿懷 | | | | | | | | |
| 目的 | | 討論專案方向 | | | | | | | | |
| 參與者 | | | | | | | | | | |
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| 會議議程 | | | | | | | | | | |
| 1. 會議名稱：專案方向討論 2. 會議日期：2015/03/24 3. 會議討論議題：於下個欄位中 4. 問題討論： 5. 臨時動議： 6. 散會 | | | | | | | | | | |
| 會議討論議題 | | | | | | | | | | |
| 1. 每週開會時間: Tues P.M 5:00 && Mon P.M 12:30 && Wed P.M 1:00 2. target 3. geeks who want to have total control of there apartment 4. house-renter like single noble or students. 5. requirement    * 1. 分租套房室友間分配電費不易      2. 夏天回家開冷氣很久才會涼，希望能在到家前10分鐘開好冷氣      3. 監測自家電器使用狀況，避免他人隨意使用      4. 丟掉家中所有的遙控器      5. 自動調整最舒適居住環境 6. feasibility study 7. record the user’s light switching history and preference, and estimate the cost. 記錄使用者使用習慣，用以估計電費(即時更新電價) 8. use GPS to ask user if they want to turn on their light and air conditioner before they arrive home. 9. motion sensor detect motion to control things or turn off when no one is at home. 10. A data base server for users to download predefined infrared code.   The cheapest way to communicate wirelessly between different microcontrollers.   1. Sensors to be used: humidity and temperature   是否與天氣預報結合？從天氣預報資訊排出智慧型的規劃供使用者選擇   1. Make the power supply for the microcontroller very small to fit inside a light switch on the wall.      1. How much will it cost： 2. A Raspberry pi or an arduino for the central processor and web server: NTD1400 3. For each light switch, we need a relay NTD45, a microcontroller (arduino stand alone: NTD100), a wifi module (nrf24l01 for NTD40 or esp8266 for NTD150), and a power supply (form 1A NTD23 to 2A NTD150). 4. For each infrared switch, we need several infrared LEDs (total < NTD60), an infrared sensor NTD20, a microcontroller, a wifi module, and a power supply. 5. For each sensor, such as temperature sensor NTD30, humidity sensor NTD30, or motion sensor NTD400, we need the sensor itself, a microcontroller, a wifi module, and a power supply. 6. Discuss WBS： | | | | | | | | | | |
| Action Item後續處理項目 | | | | | | | | | | |
| 編號 | 處理動/ | | | 負責人員 | | 處理期限 | | 狀態 | 備註 | |
|  | 查詢提示燈泡如何供電 | | | 陳俊甫 | | 0324 | | **Close** |  | |
|  | 控制中心wifi溝通 | | | 楊子權 | |  | | **Ongoing** |  | |
|  | 查詢價格 | | | 陳聿懷 | |  | | **Open** |  | |
|  | Port Forwarding | | | 江建德 | |  | | **Open** |  | |
| 下次會議 | | | | | | | | | | |
| 日期 | | | 時間 | | 地點 | | | | | |
| 2015/03/30 | | | 12:00 | | 資110 | | | | | |