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| Student ID | 7440103 |  | Week # Covered | 10 |
| Name | Edwin Wong Chwang Ming |  | Dates Covered | 11-05-2015 to 17-05-2015 |

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| Date | Time | Duration | Category | Task | |
| dd/mm | hh:mm AM/PM | Minutes |  | Role | Participation |
| 11/05 | 2:00PM | 10 | D-Document | Member | * Did team meeting #12 |
| 12/05 | 12:10AM | 40 | Test | Member | * Compile and edit user case task document for user testing |
| 12/05 | 12:30PM | 90 | M-Client | Member | * Client meeting to discuss on progress of work, documentation, invite to final presentation |
| 12/05 | 9:00PM | 180 | T-Test | Member | * Did post-study questionnaire for usability testing and compile other document and put into google form |
| 13/05 | 1:00PM | 30 | M-Supervisor | Member | * Supervisor meeting to discuss with submission, user testing and progress of project |
| 14/05 | 7:30PM | 30 | M-Team | Member | * Team meeting on brief report on user testing with friends |
| 15/05 | 3:30PM | 120 | T-Testing | Member | * User testing on the guide to get feedback |

Weekly Reflection:

*Progress quite a bit on the guide and need feedback on the improvement done for the guide*

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| Student ID | 7440103 |  | Week # Covered | 9 |
| Name | Edwin Wong Chwang Ming |  | Dates Covered | 4-05-2015 to 10-05-2015 |

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| Date | Time | Duration | Category | Task | |
| dd/mm | hh:mm AM/PM | Minutes |  | Role | Participation |
| 4/05 | 11:00PM | 60 | D-Final | Member | * Edited the section project 1 after receiving feedback from member |
| 5/05 | 9:20PM | 20 | D-Final | Member | * Added extra commands onto the guide for section project 1 |
| 5/05 | 9:40PM | 10 | D-Document | Member | * Did team meeting #10 |
| 6/05 | 1:00PM | 30 | M-Supervisor | Member | * Supervisor meeting to discuss on the shower timer project and schedule of user testing |
| 7/05 | 7:45PM | 45 | M-Team | Member | * Team meeting to discuss on progress work and expected finish time. User testing to be done |
| 8/05 | 12:20PM | 15 | D-Document | Member | * Did team meeting #11 * Did supervisor meeting #8 |
| 9/05 | 12:00AM | 90 | D-Final | Member | * Review on guide and clean up the section 5 for the guide and added enhancement |
| 10/05 | 3:45PM | 180 | D-Final | Member | * Added IoT demo on the guide section 08A, edit and polish section 5 wiring of device and section 6 flashing |
| 10/5 | 7:40PM | 30 | M-Team | Member | * Online meeting to discuss and review of the added and changes of guide |

Weekly Reflection:

*Falling behind as the final product of the guide is not completely done and the user test have not been follow up*

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| Student ID | 7440103 |  | Week # Covered | 8 |
| Name | Edwin Wong Chwang Ming |  | Dates Covered | 27-04-2015 to 3-05-2015 |

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| Date | Time | Duration | Category | Task | |
| dd/mm | hh:mm AM/PM | Minutes |  | Role | Participation |
| 29/4 | 1:15PM | 25 | M-Supervisor | Member | * Discuss on the preparation for the user test on the things needed to be completed and brought |
| 29/4 | 9:15PM | 15 | D-Document | Member | * Did supervisor meeting 7 * Did team meeting 8 |
| 29/4 | 9.30PM | 120 | D-Final | Member | * Edited the guide and added details on sections equipment, wiring, and flashing |
| 30/4 | 7.30PM | 50 | M-Team | Member | * Discuss on test tasks and review * Review on project 3: wireless cookie crumb trail * Discuss on progress of guide |
| 30/4 | 9:30PM | 30 | T-Test | Member | * Did test tasks for project 1 |
| 3/5 | 3:40PM | 60 | T-Test | Member | * Did testing on work done by other members, the LUA crash course and javascript cookie |

Weekly Reflection:

*After receiving feedback from members, sections needed to be adjusted, should have gotten feedback earlier.*

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| Student ID | 7440103 |  | Week # Covered | 7 |
| Name | Edwin Wong Chwang Ming |  | Dates Covered | 20-04-2015 to 26-04-2015 |

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| Date | Time | Duration | Category | Task | |
| dd/mm | hh:mm AM/PM | Minutes |  | Role | Participation |
| 20/4 | 10:30PM | 120 | D-Test | Member | * Did the test plan and presentation slides for test plan |
| 21/4 | 12:35PM | 65 | M-Client | Member | * Discuss on the structure of the guide on how to improve and what to add |
| 21/4 | 1:40OM | 20 | D-Team | Member | * Discuss on the table of content for the guide |
| 22/4 | 1:00PM | 30 | M-Supervisor | Member | * Discuss on the table of content for the guide and when to do the testing |
| 24/4 | 11:00PM | 60 | D-Final | Member | * Completed and added the section on how to blink LED at GitHub for the guide |
| 25/4 | 9:50PM | 180 | D-Final | Member | * Completed the section on how to blink LED on webserver for the guide |

Weekly Reflection:

*Progress quite a bit on the guide and need feedback on the improvement done for the guide*

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| Student ID | 7440103 |  | Week # Covered | 6 |
| Name | Edwin Wong Chwang Ming |  | Dates Covered | 13-04-2015 to 19-04-2015 |

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| Date | Time | Duration | Category | Task | |
| dd/mm | hh:mm AM/PM | Minutes |  | Role | Participation |
| 14/4 | 9:00PM | 120 | D-Final | Member | * Added the guide using ESP8266 (Bonus flashing of IoT demo firmware) |
| 16/4 | 10:30OM | 30 | Review | Member | * Review of Luke spike 9 vibration sensor * Tested all in one windows installer |
| 19/4 | 9:00PM | 30 | R-research | Member | * Look at how to use markdown and tested some coding and insertion of image |
| 19/4 | 9:30PM | 60 | D-document | Member | * Compile all the team, client, supervisor meeting minutes * Did the supervisor meeting minutes #5 |

Weekly Reflection:

*Couldn’t do much except on research and documentation as haven’t have a team meeting or client meeting to show on the progress on our work*

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| Student ID | 9718168 |  | Week # Covered | 2 |
| Name | Adam De Blasio |  | Dates Covered | 7-3-2016 – 15-03-15 |

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| Date | Time | Duration | Category | Task | |
| dd/mm | hh:mm AM/PM | hour |  | Role | Participation |
| 10/3 | 12:30 PM | 0.5 | M – Client | Member | Met and discuss with the client about project requirements |
| 10/3 | 6:00 PM | 2 | T – Training | Trainer | Started with first hand work on ESP8266 chip |
| 10/3 | 2:30 PM | 1 | T-Training | Member | Lecture |
| 11/3 | 1:00 PM | 1 | M-Supervisor | Member | Met with supervisor for first time discussed what is expected of un in the upcoming weeks |
| 13/3 | 12:00 PM | 3 | T – Research | Researcher | Researched ESP8266 firmware and tool chain |
| 13/3 | 6:00 PM | 2 | T – Research | Researcher | Researched varies ESP8266 chips and there functionality |

Weekly Reflection:

*Worked with everyone in the group in order to get experience with the ESP8266.*

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| Student ID | 7242794 |  | Week # Covered | 2 |
| Name | Edward Gilbert |  | Dates Covered | 9-15 March 2015 |

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| Date | Time | Duration | Category | Task |  |
| dd/mm | hh:mm AM/PM | hour |  | Role | Participation |
| 10/8 | 12:30 PM | 0.75 | M – Client | Member | Phoned into the first meeting with the client to discuss the project requirements and scope |
| 11/8 | 06:00 PM | 3.5 | T – Training | Member | Prepared for and attended a workshop at CCHS on the ESP8266 module. Covered flashing the chip, connecting and powering it via a USB-Serial adaptor and using a Java-based IDE for programming the device in Lua. Got several example projects running on the device. |
| 14/8 | 06:00 PM | 1 | D – PP | Team Leader | Drafted sections 1 to 2.1 of the project plan |

**Total hours: 5.25**

Weekly Reflection:

My time working on the project this week was severely curtailed due to personal circumstances. I would have like to have devoted more time to the project, but what I did manage to do was very worthwhile and will pay dividends in the future, particularly the workshop covering our chip.

Evidences as Attached:

 

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| Student ID | 7440103 |  | Week # Covered | 2 |
| Name | Edwin Wong Chwang Ming |  | Dates Covered | 7-03-2015 to 15-03-2015 |

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| Date | Time | Duration | Category | Task | |
| dd/mm | hh:mm AM/PM | Minutes |  | Role | Participation |
| 7/3 | 9:00 AM | 50 | M-Team | Member | * Set up time to meet with the supervisor and client * Established team roles * Discussed about the project * Distributed task for project plan and meeting minutes |
| 8/3 | 2.20 PM | 90 | T-Research | Researcher | * Learned how to program the ESP8266 * Searched for tutorials on how to set up the ESP8266 * Found the specifications |
| 8/3 | 10:00 PM | 15 | D-Document | Document | * Did the team meeting minute #1 |
| 10/3 | 11:20 PM | 10 | D-Document | Document | * Filled the student project agreement form |
| 10/3 | 12:30 PM | 70 | M-Team | Member | * Met and discussed with the client on the project requirements * Talked about the ESP8266 module and the tutorials out there |
| 11/3 | 12:00 PM | 60 | M-Team | Member | * Met up with members to try to setup the ESP8266 |
| 11/3 | 1:00 PM | 20 | M-Supervisor | Member | * Met and discussed with supervisor to research beforehand to meet with the client * Discussed what tasks are to be completed and presented on the next meeting * Talked about the unit outcome and deliverables |
| 13/3 | 3:00 PM | 20 | D-Document | Document | * Researched on spikes * Listed the spikes of the project |
| 15/3 | 9.30PM | 60 | T-Research | Researcher | * Watched tutorials videos on the ESP8266 |

Weekly Reflection:

*Have a team meeting after meeting with the supervisor to have a review on the things we know so far and let everyone know what the next tasks are to be done and how it is done.*

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| Student ID | 664306x |  | Week # Covered | 2 |
| Name | Luke Jackson |  | Dates Covered | 9/03 – 15/03 |

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| Date | Time | Duration | Category | Task | |
| dd/mm | hh:mm AM/PM | hour |  | Role | Participation |
| 10/3 | 11:00 AM | 1 | M-Team | Member | Meet with team to discuss project |
| 10/3 | 12:00 | 1 | D - Research | Member | Meet with Swinburne academic to discuss ep8266 chip |
| 11/3 | 12:00 | 1 | M - Team | Member | Met and discuss with supervisor key items to do when meeting with the client |

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| Student ID | 9718168 |  | Week # Covered | 3 |
| Name | Adam De Blasio |  | Dates Covered | 16-3-2016 – 22-03-15 |

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| Date | Time | Duration | Category | Task | |
| dd/mm | hh:mm AM/PM | hour |  | Role | Participation |
| 17/3 | 12:30 PM | 2 | M – Team | Member | Met to discuss team structure and progress and discuss current level of understanding of ESP8266 chip |
| 17/3 | 6:00 PM | 2 | T – Training | Trainer | Learning how to program in LUA for the esp8266 |
| 17/3 | 2:30 PM | 1 | T-Training | Member | Lecture |
| 18/3 | 1:00 PM | 0.5 | M-Supervisor | Member | Discussed progress and how to approach client and getting a solid scope |
| 20/3 | 2:00 PM | 1 | T – Research | Researcher | Researched ESP8266 Lua and flashing methods as well as pre written scripts |
| 20/3 | 6:00 PM | 2 | T – Training | Trainer | Tested various scripts and started using LuaLoader as an IDE |

Weekly Reflection:

*Provide all members of the group with the chip and material in order to use the chip*

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| Student ID | 7242794 |  | Week # Covered | 3 |
| Name | Edward Gilbert |  | Dates Covered | 16 - 22 March 2015 |

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| Date | Time | Duration | Category | Task |  |
| dd/mm | hh:mm AM/PM | hour |  | Role | Participation |
| 16/3 | 9:00 PM | 0.5 | D - PP | Team Leader | Drafted section 2 of the project plan - key project personnel |
| 17/3 | 09:00 AM | 1 | T – Training | Member | Revised some of the material I covered in the workshop on ESP8266 I attended the previous week, and pulled the latest version of this on git. Watched a half-hour youtube tutorial on working with the chip. |
| 17/3 | 12:30 PM | 2 | M - Team | Member | We met up and discussed the direction of the project. The rest of the team caught me up on the meeting with the team supervisor and the spikes that were requested. We attempted to finish some of the spikes and set work for the next week. The github and bitbucket accounts and repositories were set-up and/or linked. |
| 17/3 | 2:30 PM | 1 | T - Training | Member | Attended the lecture |
| 18/3 | 8 AM | 2 | D - PP | Team Leader | Drafted section 3 of the project plan - Objectives, Scope, Critical Success Factors |
| 18/3 | 12 PM | 1 | T - Research | Member | Wrote up spikes 1 - 4 in preparation for the team supervisor meeting. |
| 18/3 | 1 PM | 0.5 | M - Supervisor | Member | Attended the meeting with the team supervisor, where we discussed our progress and how we should work towards a solution direction with the client |
| 18/3 | 1:30 PM | 1 | T - Training | Member | We met after the team supervisor meeting informally and discussed our direction for the next week. I provided the links for the materials I had bought which the supervisor had requested during the meeting. |
| 18/3 | 7 PM | 2.5 | T - Training | Member | Attended a session at the Hackerspace in Hawthorn, where I spent a frustrating couple of hours troubleshooting my ESP8266 that had gotten into a permanent loop. I had several instances where it would refuse to flash on my laptop, one was where I had missed some of the command parameters, the other was only fixed by someone else doing it on their PC instead. I also found that the example code for running a web server from the NodeMCU site didn't work with the template from the workshop. After talking with someone else there working on the ESP8266, it seems to be a scope issue. |
| 19/3 | 6 PM | 1 | D - PP | Member | Did some work on sections 4 and 5 of the project plan |
| 22/3 | 2 PM | 3 | D - PP | Member | Wrote a Work Breakdown Structure for the project |

**Total hours: 15.5**

Weekly Reflection:

My initial recollection of this week was of having not completed enough work, but after logging it all I can see this was not the case. I had a depressed period at the end of the week when I was hoping to finish off the project plan, and because of this I didn't finish and submit on time. I have been under a lot of stress having to find a new home suddenly, and moving (on Monday), living with new people (strangers), and several other circumstances in my personal life. So it's not surprising at all that my depression would manifest. I'm recovered as of writing this (Wednesday morning) and the plan was submitted last night.

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| Student ID | 7440103 |  | Week # Covered | 3 |
| Name | Edwin Wong Chwang Ming |  | Dates Covered | 16-03-2015 to 22-03-2015 |

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| Date | Time | Duration | Category | Task | |
| dd/mm | hh:mm AM/PM | Minutes |  | Role | Participation |
| 17/3 | 12:35PM | 110 | M-Team | Member | * Discuss on the next supervisor meeting on what to present * Discuss on the project plan schedule * Set up the next meeting * Show progress on the ESP8266 * Decide to use GitHub, BitBucket and OneDrive for the development working document |
| 17/3 | 10:00PM | 80 | T-Set up | Member | * Set up Git Hub account and upload spike document * Set up Bit Bucket and upload personal log * Set up one drive to access entire central document that need to be submitted * Went through what have been done on the project plan |
| 18/3 | 1:00PM | 40 | M-Supervisor | Member | * Team progress * Show demo * Battery discussion on how long it can last * Project plan progress * Discuss on the proposed solution description for the client * Other spike |
| 18/3 | 8:35AM | 25 | D-Document | Document | * Did client meeting minutes #1 * Did team meeting minutes #2 |
| 21/3 | 12:40PM | 10 | D-Document | Document | * Did team meeting minutes #3 |

Weekly Reflection:

*Order the ESP8266 chip earlier on so can play and experiment with it*

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| Student ID | 664306x |  | Week # Covered | 2 |
| Name | Luke Jackson |  | Dates Covered | 15/03 – 21/03 |

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| Date | Time | Duration | Category | Task | |
| dd/mm | hh:mm AM/PM | hour |  | Role | Participation |
| 15/3 | 3:00 PM | 1 | D - Research | Member | Read through some online materials on ESP8266 |
| 15/03 | 4:00 pm | 0.5 | T - setup | Member | Set up GITHUB repository |
| 15/03 | 4:30 pm | 1 | D – Research | Member | Wrote 4 spikes for team to complete |
| 16/03 | 12:30 | 1 | D – Research | Member | Completed Spikes (to extent possible) |
| 17/03 | 12:30 | 2 | M – Team | Member | Discusses project plan, work on spikes with esp8266 chip, discuss team dynamics |
| 17/03 | 2:30 | 1 | Lecture |  | Attend lecture |
| 18/03 | 12:00 | 1 | M – Team | Member | Work on spikes, prepare esp8266 demo for super visor |
| 18/03 | 1:00 | 1 | M - Supervisor | Member | Discuss progress with supervisor |

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| Student ID | 9718168 |  | Week # Covered | 4 |
| Name | Adam De Blasio |  | Dates Covered | 23-3-2016 – 30-03-15 |

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| Date | Time | Duration | Category | Task | |
| dd/mm | hh:mm AM/PM | hour |  | Role | Participation |
| 24/3 | 12:30 PM | 1 | M – Client | Member | Met with client to discuss progress and to confirm directing of project. Displayed current working functions.  Discussed ideas for further work……. |
| 24/3 | 1:00 PM | 1 | T – Training | Member | Lecture |
| 25/3 | 1:00 PM | 1 | M-Supervisor | Member | Discussed project requirements and shower timer project as a baseline project |
| 20/3 | 4:00 PM | 2 | T – Research | Researcher | Researching new sensors and other online resources for sensor use |
| 20/3 | 6:00 PM | 3 | T – Training | Trainer | Started work on a servo using pwm as well as a buzzer for the shower timer |

Weekly Reflection:

*Provide all members of the group with the chip and material in order to use the chip*

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| Student ID | 7242794 |  | Week # Covered | 4 |
| Name | Edward Gilbert |  | Dates Covered | 23 - 29 March 2015 |

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| Date | Time | Duration | Category | Task |  |
| dd/mm | hh:mm AM/PM | hour |  | Role | Participation |
| 23/3 | 3:30 PM | 1 | D - PP | Team Leader | Continued working on the project plan |
| 23/3 | 6:00 PM | 4 | D - PP | Team Leader | More work on the project plan. Started work on the Gantt chart. |
| 24/3 | 4:30 AM | 6 | D - PP | Member | Finished all sections of the project plan, including the Gantt chart which unfortunately took a long time to complete. Prepared the document for submission (presentation work). |
| 24/3 | 10:30 AM | 0.5 | D - Presentation | Member | Worked on the formative presentation to be delivered during the lecture. |
| 24/3 | 12:30 PM | 1 | M - Client | Member | Our team met with the client, to show them our progress and to work further on the requirements of the project. We were able to define the scope of the project a little better. Showed the client the project plan. |
| 24/3 | 1:30 PM | 0.5 | D - Presentation | Member | Finished slides for the presentation. |
| 24/3 | 2:30 PM | 1 | Lecture | Member | Attended the lecture where each team gave a short presentation. I presented on behalf of the team to our peers. |
| 24/3 | 5:30 PM | 0.5 | D -PP | Team Leader | Modified the scope and submitted the project plan to ESP. |
| 25/3 | 11:00 AM | 1 | T - Training | Member | Did some work on a proposed spike by the supervisor, for sending a message when a door is left open. |
| 25/3 | 1:15 PM | 0.75 | M - Supervisor | Member | Weekly meeting with the team supervisor. He outlined the form the assessment would take for us and promised us a write-up by the end of the week. He also encouraged us to look into a wi-fi enabled shower timer and a fall detector, which could be worked in with a project that was being worked on elsewhere in the university. |
| 25/3 | 2 PM | 0.5 | T - Training | Member | Showed a team member (Edwin) the ESP-12 chip and how to connect it using a USB-Serial cable, and flash it. Ordered a chip on his behalf through Tronixlabs for pickup at the Hackerspace that night. |
| 25/3 | 7 PM | 1.5 | T - Code | Member | Attended the hackerspace to pick up parts ordered for myself and other members through Tronixlabs. I finished working on the reed switch spike that I commenced yesterday until I got it working. |
| 26/3 | 10:30 AM | 0.5 | M - Team | Member | Met at university with the 2 members that had ordered parts through me and gave them the completed orders. Emailed needed links to one of them. |
| 27/3 | 7:00 PM | 0.25 | D - SRS | Member | Scanned the notes the supervisor had given us during the meeting on Wednesday and uploaded them to our One Drive. |
| 28/3 | 10 AM | 3 | T - Training | Member | Attended an open day at the Hackerspace with another team member and worked on getting some of the example projects running. Also started investigating adding a GUI to the python flashing utility I have been using. One of the members of the hackerspace taught me the fundamentals of soldering. |

**Total hours: 21**

Weekly Reflection:

The hours I put in were a bit excessive this week, but this was mostly due to finishing off the project plan. Otherwise I was happy with my progress.

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| Student ID | 7440103 |  | Week # Covered | 5 |
| Name | Edwin Wong Chwang Ming |  | Dates Covered | 31-03-2015 to 12-04-2015 |

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| Date | Time | Duration | Category | Task | |
| dd/mm | hh:mm AM/PM | Minutes |  | Role | Participation |
| 31/3 | 1.15PM | 60 | M-Team | Member | * Reviewed on the requirement specification * Discussed on the supervisor assessment checklist |
| 1/4 | 12:20AM | 20 | D-Document | Member | * Did supervisor meeting #3 * Did team meeting #4 |
| 1/4 | 1.00 PM | 60 | M-Supervisor | Member | * Discussed on the shower timer project and using the state based programming model * Added more spikes to be done * Discussed on the assessment structure |
| 1/4 | 3:30 PM | 60 | M-Meeting | Member | * Discussed on the task to be done and distributed among the members |
| 1/4 | 5.35PM | 30 | D-Document |  | * Did team meeting #5 * Did supervisor meeting #4 |
| 5/4 | 1.00AM | 30 | D-Document | Member | * Did Spike 05 Outcome |
| 6/4 | 3:00PM | 180 | D-Final | Member | * Started on the guide using the ESP8266 (Wiring layout) |
| 6/4 | 9:30PM | 270 | D-Final | Member | * Did the guide using the ESP8266 (Introduction, Installation steps and Instructions) * Tested different methods to flash and different firmware |
| 7/4 | 12.30AM | 90 | D-Final | Member | * Did the guide using the ESP8266 (Flashing) |
| 7/4 | 11.30PM | 120 | D-Final | Member | * Added more details on the guide using the ESP8266 (Flashing) * Trying LUA language to toggle LED on ESP8266 |
| 8/4 | 11:00PM | 120 | D-Final | Member | * Did the guide using ESP8266 (Coding of blinking the LED) |
| 9/4 | 10:00PM | 120 | D-Final | Member | * Added for details for the guide using ESP8266 (Coding of blinking the LED) |

Weekly Reflection:

*Will be better to have an online meeting with the members to catch up and have a progress report on how everyone is doing.*

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| Student ID | 664306x |  | Week # Covered | 5 |
| Name | Luke Jackson |  | Dates Covered | 30/03/15 – 05/04/15 |

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| Date | Time | Duration | Category | Task | |
| dd/mm | hh:mm AM/PM | hour |  | Role | Participation |
| 31/03 | 10:00 | 1 | D – PP | Member | Create detailed fortnight plan and sparse long term plan as request by supervisor. |
| 01/3 | 12:00 | 1 | M – Supervisor | Member | Met and discuss with supervisor key items to do over break and further guidance in the project. |
| 01/3 | 3:30 | 1 | M - Team | Member | Meet team and allocated tasks to complete over the holiday break.  Managed longer term plan as members are not able to meet for 2 weeks. |
| 02/3 | 12:00 | 1 | D - Research | Member | Research appropriate sensors required to complete shower sensor project. |
| 02/03 | 1:00 | 1 | T – setup | Member | Source and purchase;   * Vibration sensor * Motion sensor * Esp8266012 evaluation board (required for ADC access) |

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| Student ID | 664306x |  | Week # Covered | 6 |
| Name | Luke Jackson |  | Dates Covered | 06/04 – 12/04 |

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| Date | Time | Duration | Category | Task | |
| dd/mm | hh:mm AM/PM | hour |  | Role | Participation |
| 06/04 | 12:00 – 2:00 | 2 | C - New | Member | Created a web server led blink project incorporating vibration sensor, in preparation for the shower project. |
| 07/04 | 12:00 – 3:00 | 3 | C - New | Member | Worked on adding the motion sensor to the led blink project, in preparation for the shower sensor project. |