# Week 1 – 21st July (3)

**Wednesday** – 3hr Meet up with the group after the tutorial – we got to know each other, discussed our initial thoughts about the project, and organized a time that suited everyone for supervisor meeting. Afterwards I sent an email to our project supervisor.

* */Emails/1 Digital Canvas Project.pdf*

# Week 2 – 28th July (12 15)

**Monday** – 2hrs First meeting with Andrew our project supervisor at the Pullman hotel. Set a plan to do research and write an agenda with questions before meeting the client.

* */Meetings/Supervisor/Supervisor Meeting 1.doc*

**Tuesday** – 6hrs researching OpenFrameworks, gesture recognition, c++, and similar projects

* */Docs/Project Research.doc*

**Friday** – 4hrs Group meeting – wrote up a list of questions & an agenda for the client as well as an availability matrix. Emailed supervisor with info.

* */Docs/Availability Matrix.xls*
* */Meetings/Client/Initial Client Meeting Agenda.docx*
* */Emails/Virtual Canvas Agenda + Research.pdf*

# Week 3 – 4th August (18 33)

**Tuesday –** 1hr prep for client meeting

* */Emails/Initial Meeting.pdf*

**Thursday** – 4hr initial meeting with client + attended workshop on methodologies

* */Meetings/Client/Initial Client Meeting.docx*

**Friday** – 4hrs working on project proposal

**Saturday** – 5hrs working on project proposal – Emailed Andrew proposal draft

* */Emails/Proposal Draft.pdf*

**Sunday** – 4hr working on project proposal

# Week 4 – 11th August (12 45)

**Monday –** 2hrs preparing for the proposal presentation – made some changes based off Andrews feedback and printed the proposal and decided who was going to talk about what.

* */Docs/ Virtual Canvas Project Proposal.docx*

**Tuesday** - 4hrs Project proposal presentation. Having only achieved a provisional pass we spent extra time working on updating the proposal based off feedback after the presentation.

**Wednesday** – 3hrs updating project proposal solo

**Friday** – 2 hrs working on revised project proposal – waiting for feedback from Anne

# Week 5 – 18th August (11 56)

**Monday –** 3hrs project proposal

**Wednesday -** 4hrs working on project proposal andclient meeting regarding proposal changes, went into more detail about project specifications.

* */Meetings/Client/Meeting 2 Client.docx*

**Thursday** – 2hrs attended time management workshop

**Friday** – 2hrs project proposal in skype call with Ben, sorting out what changes we need to make based on the feedback from Anne

# Week 6 – 25th August (21 77)

**Tuesday** – 5hrs working on user stories, bug log, and analysing the previous code – Alastair showed up 1hr 15min late

* */Docs/User stories.docx*
* */Docs/Bug log.xls*

**Wednesday** – 4hrs client meeting showing the list of requirements we gathered in user story format and reviewing the code. Then spent an extra two hours after the meeting making all the changes to the user stories as requested by the client.

* */Meetings/Client/Meeting 3 Client.docx*

**Thursday -** 6hrs Attended conflict resolution workshop as suggested by Andrew. Meet with supervisor regarding Alastair’s team contributions. Then finally started prepping my portfolio and report for my mid semester review.

* /Emails/Team Meeting.pdf
* /Meetings/Supervisor/Supervisor Meeting 2.docx

**Friday** – 6hrs spent learning how to use visual studio with OpenFramworks. I was able to use the project creator to create a new project that successfully compiled and ran. However I was unable to move the client’s code across into the new project without continuous compiler errors.

# Week 7 – 1st September (9 86)

*Mid Semester Review – moved to week 8.*

**Tuesday** – 2hrs Making changes to user stories

**Wednesday** –3hrs Playing planning poker to agree on story points for each user story and creating project backlog template

* /Docs/Project Backlog.xlsx

**Friday** – 2hr finished finalizing user stories and emailed client – added priorities and story points from planning poker

* /Emails/Finalized User Stories.pdf
* */Docs/User stories.docx*

**Saturday** – 2hrs setting up and documenting how to use GIT

* /Docs/GIT Setup.docx

# Mid Semester Break Week 1 – 8th September (15 101)

**Monday** – 6hrs working with Visual Studio trying to get the project converted into Visual Studio format to run on Windows. Managed to import the older version of OpenFrameworks into the project and started added the include directories. Still having problems with some modules not compiling due to missing files or missing include paths.

**Tuesday –** 3hr Had some success by creating a script to automatically add all the include paths into the project. However I’m not getting new errors that are baffling, no results in google either.  
“error C2039: 'strncpy' : is not a member of '`global namespace''  
error C2873: 'strncpy' : symbol cannot be used in a using-declaration”

**Thursday** – 3hrs Group meeting sorting development platform

* */Meetings/Team/Group Development Meeting #2.docx*

**Friday** – 3hr meeting with Client. We have decided with the client to scrap development under Windows as an option. This is due to the limited support available for OpenFrameworks and KinnectCoreVision under Windows. Emailed Andrew asking for advice on how to proceed with getting a Mac computer for development.

* */Meetings/Client/Meeting 4 Client.docx*
* */Emails/Macs.pdf*

# Mid Semester Break Week 2 – 15th September (18 119)

**Monday** – 2hrs group meeting. Researched instructions on how install Mac on a standard windows computer using the HackenTosh method.

* */Meetings/Team/Group Development Meeting #3.docx*

**Tuesday** – 5hrs working on mid semester review report, then called Ramon and setup a meeting for tomorrow.

**Wednesday** – 6hrs, meeting at 10am with Ramon Lewis in order to find a solution for our Mac problem. Fortunately he had two Mac Book Pros available to loan until the end of the semester. However one of the laptops had a staff profile on it and needed to be re-imaged; which would take until Friday to be completed. The 2nd laptop was ready to go. But later I found out it wasn’t letting me login over the WIFI, meaning I had to go back and try get it fixed. This ended up taking until 4pm after waiting for ICT services.

**Friday –** 5hrs configuring mac book with developer tools required. Turns out to run compiled code admin privileges for the local machine are required. Emailed Ramon for fix. Completed mid semester review report emailed to Andrew.

* */Emails/Macbook admin.pdf*
* */Docs/Mid Semester Review.docx*

# Week 8 – 22nd September (12 139)

**Monday –** 3hrs sorting admin privilege issue with Ramon. Turns out the bcisadmin login won’t work for our purposes – have escalated the issue to ICT services.

**Wednesday** – 4hrs learning OpenFrameworks reading over code from ofxVideoRecorder and ofxVideoGrabber examples

**Friday** – 5hrs Found openNI addon that seems to be a better fit for our purposed than ofxKinect. Read and tested all the examples.

# Week 9 - 29th September (18 157)

**Wednesday –** 5hrs Had mid semester review interview, then client meeting with both Matt and Nolwenn, then had a group meeting relaying feedback from my mid semester review to Ben & Pio.

* */Meetings/Client/Meeting 5 Client.docx*
* */Meetings/Team/Group Development Meeting #4.docx*

**Thursday** - 5hrs finally starting development. Found a PDF with a lot of useful information about OpenFrameworks. Added addons into new project and created some skeleton code.

**Friday** – 4hrs starting working on a new project testing out what’s possible with OfxOpenNi (gesture addon). Found out Xcode command line tools need to be installed for the ofxOpenNi examples to compile correctly.

**Saturday** – 4hrs working solo trying to integrate OpenNI into the project.

# Week 10 – 6th October (21 178)

**Monday** – 5hrs developing. Started by taking OFXOpenNI core code from the examples and refactoring the clients code into the new project taking only the elements we need and making changes to the structure as required to make room for our changes.

**Tuesday** – 4hrs developing with Ben, continuing working on what we started on Monday.

**Wednesday –** 4hrs developing with Pio. Working with the depth generator to create the user silhouette.

**Thursday –** 4hrs working with Ben on callback functions for user interaction

**Friday –** 4hrs working with Pio on

**Saturday** – 4hrs working by myself on the project

# Week 11 – 13th October (22 - 200)

Receive client feedback

**Monday** – 4hrs working with pio on the project. Figured out how to setup the callback methods for new users & recognized gesutres.

**Tuesday –** 4hrs working with Pio, stuck on a bug the entire time trying to draw the user p

**Wednesday –** 4hrs, Ben was two hours late. Worked on the shillowet code.

**Thursday –** 6hrs First attended workshop on posters, then tried figuring out the bug with the depth generator in order to have a working demonstration for the client. Updated Andrew with our progress.

* */Emails/Digital Canvas Update.pdf*

**Friday –** 4hrs, 3 hours cleaning up the code, testing, and updating documentation in preparation for client meeting. Then 1hr meeting with client updating Matthew with our progress and getting direction for next sprint.

* */Meetings/Client/Meeting 6 Client.docx*

# Week 12 – 20th October (33 233)

**Monday** – 4hrs Both Pio and Ben are unavailable due to other assignments that are due immediately. Decided to work solo on code and then started mockup of poster.

**Tuesday** - 4hrs working with Pio on gestures

**Wednesday** - 4hrs working with Ben on gestures

**Thursday** – 9hrs Client required a demonstration on Friday and the project wasn't quite ready. Stayed until 11pm working on move and mask gestures.

* /Emails/Meeting 8.pdf

**Friday** – 9hrs First we had a client meeting demonstrating our progress then I spent the night with Pio improving the interaction coordinate code.

* */Meetings/Client/ Meeting 8 Client.docx*

**Sunday** – 3hrs working in the coLab with Pio & Ben. Working on the coordinate code and also some performance optimization

# Week 13 – 27th October (35 268)

**Monday** – 7hrs rewrote the coordinates function and implemented the interaction recorder code, however I was unable to test because Ben had the Kinect over the weekend.

**Tuesday** – 5hrs working in coLab - had issues with ofxVideoRecorder preventing the code from compiling, had to fall back to the video recorder built into OpenFrameworks core which is not ideal fewer video codecs are available which will prevent 1080p video recording.

**Wednesday –** 5hrsAssisted Pio coding at Colab while working on my poster and report

**Thursday –** 9hrs client meeting with Nolween and Andrew demonstrating the project process. Then spent the evening working on the content for the poster, structure of reflective report and getting all my paper work in order.

* */Meetings/Client/Meeting 9 Client.docx*

**Friday** – 9hrs First meet with Matt privately to reassure him about the transfer of knowledge between myself and Ben & Pio to finish the project without me and then reminded him the feedback was due. Spent the evening sorting out all the paper work and adding to my report.

**Saturday** – Meeting with Ben and Pio to ensure they have all the knowledge to carry on with the project next semester. While also working on my report / portfolio.

* */Meetings/Team/Group Development Meeting #5.docx*

# Week 14 – 3rd November (32)

*Poster, Report, and Project Portfolio due*

**Monday –** 9hrs

**Tuesday –** 9hrs

**Wednesday –** 5hrs

**Thursday –** 4hrs

**Friday –** 5hrs