Reflection Report:

I am Anthony Ngan. This is my third year studying bachelors of computer information science. I have previously taken a certificate in science and technology. Sadly, I have no experience related to my degree but hope to in the future in research and development next year.

My role in this project was to do whatever is possible to carry out the experiment. Aloma my partner in crime had lots of discussions about an interesting topic to undertake. I appreciate the forum as Robert made effort to reply us. We came up with ideas ranging from projectors to hot keys but still no cigar. After one week of back and fourths. We finally came up with an idea, Usability of membrane keyboards vs mechanical keyboards.

We quickly ran into an issue regards to getting equipment. We asked our friends if they had mechanical keyboards but most of them either did not use one or did not have a spare keyboard. So I went on Trademe bought a few second hand keyboards for this assignment. A fun experience everything went smoothly.

One positive note is we have good communication between each other. So we devised a plan to carry the experiment. We decided to book a quiet study room and invite people ages. Consequently they happen to be ages 19 – 23.

A few days later. We set up the experiment and one by one our participants came and took the test. One keyboard per one minute test. Arranged the keyboard order differently each time. Got a lot of feedback from participants that they were not used to the keyboards that may have affected their performance. Also, the online typing test were uneven in terms of “some had more symbols, grammars” however, since we randomise the order of the keyboards this gives each keyboard had a fair amount for each test.

Once we got the results we distributed work evenly and discussed how we are going to interpret the data. From our discussion back with Robert, he mentioned a 2 tail t-test was the best to show comparison between two means which we believe gives us the best results. I am in charge of the t-test tab. I have taken stats in the past but honestly I do not remember anything as it was a while back. I was in charge of creating the html. (No prior experience in html/css) but thankfully there is website tutorials from code academy and W3school. I am no expert but really enjoyed the experience. Meanwhile, Aloma is busying finding information for the keyboards and the theory behind these phenomena’s. She mostly wrote the information on the website.

Personal findings of the study were that there’s a lot of room for error but we tried our best to reduce so that they do not affect our results. Also a lot uncertainty whether we were approaching the experiment in the best form so other variables would not affect such as participants were not allow to look at the test because they might remember the words.

I have not burnt a cd in a long time.