**NORTH WEST REGIONAL COLLEGE**

**DEPARTMENT OF SCIENCE TECHNOLOGY AND CREATIVE INDUSTRIES**

**WORK BASED LEARNING - WEEKLY REPORT**

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**REPORT NO:** 9 **DATE:** 1/05/2020

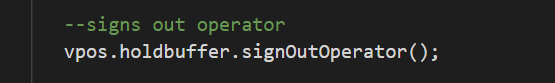
Please use the space below to give details of your activities for this report period. Your outline should include - in as much detail as possible, **a breakdown of activity by project**. You should aim to address areas such as perceived organisational benefits, desired outcomes and deliverables.

For each project that you are working on – you should indicate the title, progress, targets met and expected completion date.

**Summary of activities:**

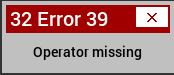
As my solution was near enough complete, it was time to tie up the loose ends. This week was mainly based on testing my final solution, ensuring everything is logged correctly and all code used isn’t repetitive. When testing, I used various methods that I learned during my object orientated programming module from my course. From typing one simple character (operator code in this case) to not entering anything at all. Even if the user tries to do anything without logging in, they will get the following error message shown in figure 1.

During my testing process I noticed the operators were not signed out even after the transactions have taken place. I resolved this by implementing the simple code shown below:



After testing was complete for my program, me and my mentor Theo Huenestein, tested further on *live Vectron tills,* within a client’s business. From this testing we received a lot of positive feedback from our clients and how they are glad that this option is now available. Another thing, personally *“Software never was perfect and won’t get perfect. But is that a license to create garbage? The missing ingredient is our reluctance to quantify quality.”,* Boris Beizer (2016). From this i was very encouraged to keep my code at a high standard.

Boris Beizer (2016) *“Software never was perfect and won’t get perfect. But is that a license to create garbage? The missing ingredient is our reluctance to quantify quality.”,*Available at: *https://en.wikipedia.org/wiki/Boris\_Beizer* (Accessed: 21/05/2020).



**Figure 1**

**Comments on progress:**

This week I learned a lot regarding testing techniques, I feel I’ve enhanced my knowledge learned from my object orientated programming module for future tasks to come. Now that my project is complete, all I can do is test it more, especially on live tills, and improve its efficiency and any bugs that arise if any.

**Planned tasks:**

* Get the tutorial document for users completed
* Final documents regarding the solution functionality created for ACCS.