**NORTH WEST REGIONAL COLLEGE**

**DEPARTMENT OF SCIENCE TECHNOLOGY AND CREATIVE INDUSTRIES**

**WORK BASED LEARNING - WEEKLY REPORT**

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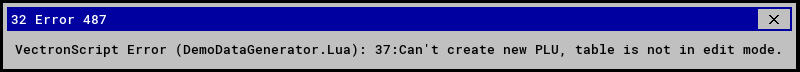
**REPORT NO:** 6 **DATE:** 10/04/2020

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:**

At the beginning of this week I encountered the following error;



Which I resolved by simply going into the Vectron API and retrieving code from the ‘Masterdata’ Class and using the following method called **masterdata.EditPLU,** once this code is used, it turns the system into *edit mode.* I used similar testing methods I was taught during my object orientated programming module to diagnose this fault, and that was by using the ‘*debugger´,* this takes you through every line of your code step-by-step and eventually I found out the issue.

Progression throughout the week resulted in implemented a timer to control the overall solution and gives it a random time to trigger each ‘run’ of the script. This gives the solution a complete random effect leaving all the data generated completely random as it is started randomly also. During this task I had issues with loops not running properly and the timer not even starting, so I used the *debugger* method again and step by step I diagnosed the fault, as “*Each step you take reveals a new horizon”[* Dan Poynter (2017)].

Dan Poynter (2017) *Each step you take reveals a new horizon,*Available at: *https://www.habitsforwellbeing.com/20-quotes-to-inspire-you-to-take-small-simple-steps-each-day/* (Accessed: 27/03/2020).

**Comments on progress:**

A lot of progression was made this week and the basic skeleton for my solution is here. This week I used how to implement timers efficiently so the program can run smoothly once the timer Is triggered, payment methods now also work automatically and randomly. I feel this week I gained a lot more experience in the error handling area.

**Planned tasks:**

* Start to research ‘Touchcodes’
* Look into LogViewer functions
* Research more API for efficient methods.