**NORTH WEST REGIONAL COLLEGE**

**DEPARTMENT OF SCIENCE TECHNOLOGY AND CREATIVE INDUSTRIES**

**WORK BASED LEARNING - WEEKLY REPORT**

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**REPORT NO:** 1 **DATE:** 06/04/2020

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:**

My first day on placement I was briefed into the planning and development of a bespoke software solution for a specific business requirement within the ACCS organisation. After gaining this task I felt my skills learned during my Object Orientated Programming module, like planning and designing a program, were a perfect match for this and a great opportunity for me to transcribe into the world of working in the software industry. Especially when I had the opportunity to arrange various questions regarding the requirements needed for the solution that I whom will develop, again skills of which I learned during my Business Application Development module, when I was questioning the live business for their new system.

Additionally, for this task I’ve had to gain new skills, which concluded of learning Lua and how Vectron Till Systems worked by analysing their scripts to fully understand their functionality. This included working with Titan, a Business Intelligence System that helps businesses manage their data on an easy to use platform via the cloud. From this, I gained an insight to the outcomes of what a developer would produce at the end of a project. Practically experiencing how the services like Titan and the Vectron systems turn out and function gave me a confident approach into the development of the software solution I am going to provide for ACCS Ltd.

Within my first week I personally feel I have reached *Stage 2*, which is the ‘***Interested’*** Stage of the ***Self-Directed Learning Model*** that describes ***“Goal-Setting and learning strategies”,*** as I start my time into the development of a solution that will be used within a **live business.** More stages will be reached throughout my placement duration.

**Comments on progress:**

I’ve Gained extensive knowledge with a new programming language, Lua, which reveals to be very simple to learn and implement within software solutions, Vectron Tills for example. I then learned how to plan and develop an efficient software proposal towards a ‘Client’ if I were to be running a software company. From this I personally feel I have gained a lot of new skills especially when I got to work with the outcome of a program that had been developed within the software department.

**Planned tasks:**

* Continue to learn the new language, Lua.
* Gain a better insight to the solution I will develop.
* Develop an efficient Project Proposal regarding my planned solution.