Placement Sean Carlin. Weekly Progress Report

Week 2020-03-09 – 2020-03-13

**Monday:** Sean continued his research into the Lua language. He worked on his Software Proposal and started to investigate the platforms were his solution will run on.

**Tuesday:** Today Sean showed his initial proposal. We discussed the proposal and what this would entail in “the real world”. Today a majority of Sean his time was spend on the Titan Platform. This was to give Sean a feel for what the generated data would be used for. Sean was given free hand to roam thru a demo set of data. During this process he was asked to point out what stood out for him and what he did not understand.

We had a good conversation on the relation between selling an item, buying a box of items and the effects that has on stock levels and other key areas of a business.

Sean also given the documentation for the API he will be using. Vectron has developed their own API and this is needed to develop the requested module.

**Wednesday**: Today we work from Mr Huenestein his home location. Sean was explained before placement that he would work certain days at Mr Huenestein his home location.

Sean continued his Lua course and finished another few modules. We spoke briefly about key features in the Lua language.

Sean was given the Vectron API. Sean went over the API and has started to lift out key features which he thinks that he will be needing.

Thursday: Today we started the day by looking at the module in broad strokes. Sean was given a walk thru on how a sale is being done on a Vectron Terminal. It was explained to him that he will have to replicate that behaviour. Sean was shown a receipt and was asked to lift key features from it.

The resulting blocks from that conversation will be used to start building the core of his module

In the afternoon Mr. McDermott installed Vectron related software on Sean his laptop. Sean was also handed a development key and is now entering the development phase of his placement.

Sean was explained that he must use Visual Studio Code. Vectron has developed and extension for this. Documentation and extension were handed to Sean and he was instructed to install this by himself. Later that evening Sean successfully installed the extension.

Today was also the decision taken by our CEO to postpone any further office visits until further notice. This in relation to the Corona outbreak. Sean and his mentor both are fully equipped to continue the development process remotely. Daily contact will continue with the use of Skype or other means.

Friday: Today Sean has writing the needed building blocks. Sean was told to do this as much as possible in lay man’s term. This is to encourage him to develop a communication skill that is more then only technical. Sean was also handed an example of a Vectron module. He has been instructed to read thru it and, as an exercise, to copy it and make it work. Once that has been achieved, we can start using the Vectron Debugger in Visual Code. This will give him some insights in how his module would have to work. We will start coding next week.