**Progress Report**

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**Activities versus schedule:**

As of now, everything is on track and according to schedule. I am using the case that I got with the raspberry pi because my sensor connects directly through the USB port so it all fits together. I have tested my sensor and it is scanning the Qr code and storing it in a file. The parts that I had ordered arrived on time with Amazon Prime which is leading to the project progressing as scheduled.

**Current Progress:**

Currently, I am working on programming my sensor. I am trying to create a database file with some barcodes and QR codes and my goal is to store the scanned barcodes and QR codes in a text file on the SD card of my raspberry pi. I am working on power point presentation demo video so that if I am short on time I can demonstrate the functionality of my sensor through the short video.

**Problems and opportunities:**

I am currently having a few issues with my code. I am not able to read the list of barcodes that I have saved in a text file. I am trying to compare the existing barcodes with the new barcodes which will be saved in a different file. I am new to python so I am trying to learn it through the internet. I have found a few channels on YouTube, where I can study detailed lectures for beginners. During the course, I have got very familiar with raspberry pi by troubleshooting to run the programs and using various commands.

**Financial Status:**

I bought the raspberry pi 3 for CAD $112 and QR code scanner for CAD $91 from Amazon. The total comes up to CAD $203 including tax.

**Documentation Links:**

Qr code sensor:

<https://github.com/n01033547/Bluetooth/blob/master/QrCodesensor.JPG>

Build Video:

<https://github.com/n01033547/Bluetooth/blob/master/My%20Movie%201.mp4>