# Week 12 Progress Report

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Date: 2016-11-22

So basically, I am right on my schedule in order to finish my hardware project. After the demo in the open house my colleagues and I, we got some nice feedbacks from our teacher Kristian Medri as well as from our classmates. One thing which I noticed is that the scanning the barcode strips was taking too much due to the webcam quality. So I decided that I will make a cardholder stand which will hold the card in a fixed “sweet” spot where it will be easy to scan and display the information. As I learnt in the class, we do have a very effective tool, openSCAD which might be very helpful in designing the cardholder stand. As mentioned by our teacher, I was thinking on making an LED indicator which will help the user to know if the barcode has been scanned or not through the LED lights. For example, a green light will be lighted if the barcode is scanned successfully and red light will be lighted if the scanning is failed. I will solely do this in order to make the project look more effective and more convenient to use. I discussed with my colleagues if the School of Applied Technology can provide us with a laser scanner as we are designing and working on a project related to Humber College, however we might meet the Dean by Wednesday of this week in order to further discuss on this. If ever the Dean cannot help us, then we might leave the laser scanner for next semester as we will work as a group. We can contribute and get a new one.

As concerned with the schedule, I think I am on track with everything that I mentioned on my Gantt chart. I have been working on the project consistently which was a good as it allowed me to stay on my schedule which I planned on Week 3.

For the budget, I am most likely sure that I will not have to spend any money as everything is set. As for the LED, I already have one which I used from previous semesters so that will save me on the cost. To conclude on the cost, as seen from my budget and print screen shots, I am spending CAD $123 on the project (The raspberry pi 3 and the camera).

In terms of moving forward, I will start working on my presentation and also get the few things as mentioned above to get done before next week.