

# **Aung Myin Kyaw (Max) weekly Research Progress Report**

**Date : 26/08/2018 to 31/08/2018**

## **➤ Scope of the work:**

- ✓ Learning C# more in depth**
- ✓ Troubleshooting of the CCS100\_CSharpDemo.exe  
(carry on from last week)**
- ✓ Creation of github for the backups of program files**

## ➤ **Research Progress in last week**

- ✓ Learning of C# programming through writing different programs to test the understandings of the language.
- ✓ Troubleshooting of the CSharpDemo program that was downloaded through Thorlabs library.
- ✓ Created github repository for the backing up of the files.
- ✓ Completed ECE laboratory safety certificate.

## ➤ **Research Plan for next week**

- ❖ Continue troubleshooting the CSharpDemo execution file as it is necessary in the progression of the project.
- ❖ Research for different implemented programs using Thorlabs library.
- ❖ Greater in depth research for tools that are available in C# language

- Continue from last week there is still errors with the Demo file that was provided by Thorlabs. Though there is no understanding on what is the actual issue; I am comminuting with the technician on troubleshooting.

In addition, to test my understanding C# I have tried to write basic programs.

Created GitHub repository to keep track of the different updates I have made throughout the project period. (<https://github.com/aungmyin23/Final-Year-Project>)

Timeline for 1st Semester	13/08/2018 to 31/08/2018	01/09/2018 to 14/09/2018	19/09/2018 to 05/10/2018	06/10/2018 to 26/10/2018	27/10/2018 to 02/11/2018	03/11/2018 to 09/11/2018	10/11/2018 to 16/11/2018	17/11/2018 to 23/11/2018
Background study of Raman spectroscope and CS100								
Downloading and setting up necessary programs (Vistual Studio, Thorlabs)								
Getting necessary laboratory trainings								
Research on C# language and Vistuo Studio 2017								
Implementation of the basic program for spectroscope								
Troubleshootings & Debugging								
Draft of the CA report and Presentation								
Preparation of CA report								
Preparation of CA presentation								