Weekly Updates – Ali BERRADA

Report 1 – 27/11/2017

I have delivered 2 knowledge sharing session: "Agile development with Scrum" and "GitHub for team work".

I have set up my PC with tools and configuration to compile and run the projects.

I have made recordings of the full step-by-step to achieve that as many faced issues on this part.

Also, I have started ramping up on Qt GUI apps and PCL.

Report 2 – 04/12/2017

I have ramped up my knowledge on OpenCV and CMake. I will take the initiative to implement them for the project.

I will dive more on OpenCV to acquire the relevant knowledge for improving registration of data and feature matching.

I will prepare a demo session to introduce and familiarize the team with OpenCV and CMake.

Report 3 – 11/12/2017

I have started looking at camera calibration using OpenCV.

Report 4 – 18/12/2017

I am still on calibration with OpenCV. The progress has been slow on my side as the past week was busy with assignments and revision for the exams.

Report 5 – 25/12/2017

After some struggle, I have managed to compile and build OpenCV 3 with contrib modules (to enable extra features like feature detection). I am now testing the feature detection module.

Report 6 – 01/01/2018

As there were some difficulties to pick up the PCL library by other team members (while I set my focus on OpenCV) I had to spend some time to ramp up on PCL as well as acquiring data with the Kinect.