

Weekly Report

5/17 – 5/23

- Decided to use ORB_SLAM2 C++ library for Raspberry Pi after researching.
 - ROS is optional for running ORB_SLAM2
- Built all the required dependencies including:
 - OpenCV
 - Eigen3
 - Pangolin
 - DBoW2
 - g2o
- Recorded the compilation errors and how to fix the errors when building the dependencies.
- Worked on building ORB_SLAM2.
 - There are still some compilation errors need to be resolved.

Plans for next week:

- Keep working on building the library.
- Run the library with webcam.