

Weekly Report

6/21 – 6/27

- Solved frames of webcam freezing problem when running ORB-SLAM2 lib.
 - Recognizing and mapping execute in the background threads, so using delay to wait for them is able to fix this problem.
 - Calculated processing time and used it for delay.
- Used webcam calibration to run ORB-SLAM2 lib.
 - Used default values to make webcam calibration and ran the lib
=> result of ORB features recognition did not improve
 - In order to make ORB features to be recognized well, adjusting parameters for calibration first and then making calibration with webcam.
 - Some ORB features can be detected now. Still work on finding better combination of parameters for calibration.

Plans for next week:

- Keep studying ORB-SLAM
- Try to find proper parameters for webcam calibration.