




EECE 5554 Final Project - Visual Slam

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1. Project Goal

We will use ORB SLAM application on mobile device

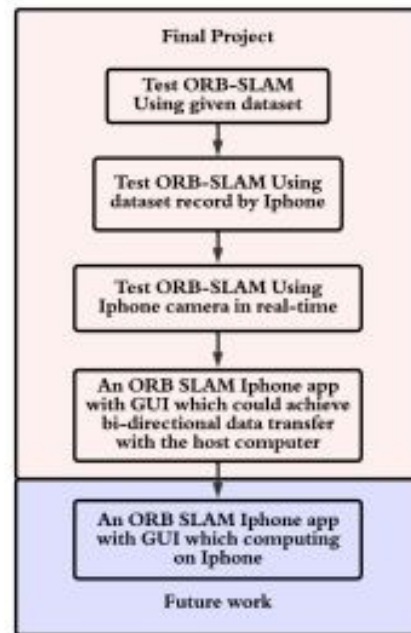
2. Dataset will work on

We will test on online dataset first (EuRoc Example) and use our own dataset collecting from our devices.

3. Algorithms will use

We will use ORB SLAM algorithm on EuRoc Example.

And the qualitative evaluation will be based on the comparison between localization performance and the ground truth



Work Division

- ORB SLAM Algorithm Installation and Testing: Yao Zhou, Shuchong Wang
- Algorithm Apply on mobile device: Yao Zhou, Shuchong Wang, Tianrun Yan
- Application Transfer and Visualize on mobile device: Qiming Huang, Zhiyu Zhu