

Final Project Progress Report

Definitions

Team name: *SHAKSHUKA*

Team members: *William Buerger, Marina Triebenbacher, Rachel Yan, Zachary Mothner*

Note: Once one person uploads the report to Gradescope, please add all other team members to the submission within the Gradescope interface (top right on your submission).

TA name: *Claire Chen*

Project

- What is your project idea?
Taking a set of 2D images of a space, we want to stitch together the images using common feature points, and ultimately create a panoramic reconstruction of the whole space that a user can navigate through smoothly, as if they are moving within the space.
- What data have you collected?
We've now each taken a set of images of a set, which we're using as our main data set!
- What software have you built or used? We are using numpy libraries!
- What has each team member contributed thus far? We've just started, so we've each contributed one set of images. We've also made a sketch of the project code, but we're planning to really dive in this week.
- What problems have you faced or still have to consider? We're still just starting to deal with how to optimize SIFT to work across a set of many images for optimal stitching. We're going to mess around with that this week!
- Is there anything that we can do to help? E.G., resources, equipment. Not as of now!