EE 492 Weekly Report 4

Title: Development of a strain visualization microsensor based on Moiré fringes

Week 4: September 29 - October 12

Team Members: Christian Tanberg, Matthew Thies, Ki Jun Shin and Parvaraj Bhatt

Client & Advisor: Dr. Long Que

Summary of the Progress:

Over the last two weeks, we have met up twice to discuss our progress. The original code that we were working on was not meeting our deliverable requirements, so we started working on new code. According to our timeline we should be testing, but as we decided to change the code, we are still in the designing phase of the timeline. We have also started creating the PIRM meeting presentation.

Pending Issues:

Christian Tanberg: None

Kijun Shin: None

Matthew Thies: None

Parvaraj Bhatt: None

Individual Contributions:(Individual)

Name	Contribution	Working Hours	Total Hours
Project Manager: Christian Tanberg	This week I started working on a new code for the moire fringe pattern. We decided to do this because the previous code we were working on wasn't feasible to meet our deliverables.	6	26
Research Lead: Ki Jun Shin	Matthew and I have worked on making a presentation for our 2nd webex meeting. Also, we will figure out how to test with the new code that Christian and Parvaraj have been working on.	6	25
Test Engineer: Matthew Thies	Jun and I are working on the 2nd webex presentation. We are also working on figuring out how test with the new code	6	25
Design Engineer: Parvaraj Bhatt	The original code we were working on didn't meet our deliverable so I started working on new code for the moire fringe filter with Christian	6	26

Future Plans
1. Christian Tanberg: Finish making the second filter for the moire fringe pattern and present it to Long Que to discuss any changes he would like us to make.
2. Parvaraj Bhatt: Set up a meeting with Long Que to talk about the changes and continue with the new code to create the filter, figure out how we will test with the new code
3. Kijun Shin: My goal is to finish making powerpoint slides for our 2nd presentation and figure out testing with the new code.
4. Matthew Thies: We plan to finish the presentation for the webex meeting and we want to get some testing done if possible.