ECE 492 Weekly Report **MAY 1607 Week 9 (3/20/2016-3/27/2016)**

Advisor: Jaeyoun Kim **Client: Honeywell, FM&T**

Members (roles): Gregory Kuhn (Weekly Report), Noah Bergman (Team Leader) Michael Kelly (Key Concept Holder), Garret Hembry (Webmaster)

Project Title: Microscope Embedded Display for Assembly Work Instructions

Weekly Summary:

This week we had multiple goals with regards to the software aspect of our design. We have finished designing the schematic in Multi-sim, but now must design it the PCB layout using the same software. We would also like to further integrate the mini-projector circuit with our EVM software.

3/25/16/Group Meeting in TLA

Duration: 240 min **Members Present:** All

Purpose and Goals:

We have two objective for this week. To begin to design the layout for the main board of the projector circuit, and to further integrate or micro-projector circuit with the EVM software.

Achievements:

1) We managed to successfully complete the layout of the main board. Therefore we have successfully finished designing the projector circuit using the Multi-sim software.

2) We were less successful in the regard and didn't make much significant progress.

Pending issues

1) Fabricate both the circuit and the lens holder in order to properly present them next week.
2) Work on our PowerPoint presentation for our Friday meeting with our Academic advisor.
3) Continue to further integrate the micro-projector circuit with EVM software.

Plans for next week

Next week we present or project to our professor and therefore we intend to focus on making sure the prototype is presentable. Therefore we intend to fabricate both the lenses holder we had designed in AUDOCAD as well as the DLP main board we have been working on the past several weeks.

Individual Contributions (this week)

Gregory Kuhn-Helped to build the circuit on the computer using multi-sim software. Assisted in integrating the micro-projector with EVM software.

Noah Bergman-Helped to build the circuit on the computer using multi-sim software. Assisted in integrating the micro-projector with EVM software.

Garret Hembry --Helped to build the circuit on the computer using multi-sim software. Assisted in integrating the micro-projector with EVM software.

Matthew Kelly- -Helped to build the circuit on the computer using multi-sim software. Assisted in integrating the micro-projector with EVM software.

Total contributions for the project

Noah Bergman-63hrs
Gregory Kuhn–63hrs
Matthew Kelly–63hrs
Garret Hembry-63hrs