ECE 492 Weekly Report **MAY 1607 Week 8 (3/02/2016-3/09/2016)**

**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 having successfully completed the mechanical components of the project we continued or quest to model the projector circuit using multi-sim software, as well as began to use the EVM embedded system software to modify certain properties of the projector circuit.

3/05/16/Group Meeting in TLA

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

**Purpose and Goals:**

We have recently completed modeling the circuit schematic using multi-sim software and would now like start designing the main board using the same software.

**Achievements:**

1) We managed to design one of the components of the main board in multi-sim. This was the U24.

2) We managed to download and install the EVM and using it were able alter the brightness of the LED’s of the projector.

**Pending issues**

1) Continue building the circuit with Multi-Sim software.

2) Begin to use EVM software to alter the properties of the mini-projector circuit

**Plans for next week**

Next week we would like to continue to build the DLP using multi-sim software. We will also continue to use the EVM software to further alter the properties of the projector circuit.

**Individual Contributions (this week)**

Gregory Kuhn-Helped to build the circuit on the computer using multi-sim software. Downloaded the EVM software and began to use it to change the properties of the mini-projector circuit.

Noah Bergman- Helped to build the circuit on the computer using multi-sim software. Downloaded the EVM software and began to use it to change the properties of the mini-projector circuit.

Garret Hembry Helped to build the circuit on the computer using multi-sim software. Downloaded the EVM software and began to use it to change the properties of the mini-projector circuit.

Matthew Kelly- Helped to build the circuit on the computer using multi-sim software. Downloaded the EVM software and began to use it to change the properties of the mini-projector circuit.

**Total contributions for the project**

Noah Bergman-58hrs

Gregory Kuhn–58hrs

Matthew Kelly–58hrs

Garret Hembry-58hrs