ECE 492 Weekly Report **MAY 1607 Week 1 (1/08/2015-1/15/2016)**

Advisor: Jaeyoun Kim **Client: Honeywell, FM&T**
Members (roles): Gregory Kuhn (Weekly Report), Noah Bergman (Team Leader) Michael Kelly (Key Concept Holder), Garrett Hembry (Webmaster)
Project Title: Microscope Embedded Display for Assembly Work Instructions

Weekly Summary: We began forming a set of plans to be followed for this semester as well as attended the 492 informative lecture to gain a clear idea about the course requirements for this class.

1/12/16/Group Meeting in TLA

Duration: 80 min **Members Present:** All

Purpose and Goals:

Reassess our progress thus far and begin forming a plan for the next upcoming weeks.

Achievements: 1) We were successful in this regard. The device used to hold the circuit together consisted of to 3*5 pieces of plastic together with three holes to be used for the screws of the HDMI port, Power supply, and camera port respectively.

Pending issues

1) Install the lenses directly into the microscope's eyepiece.
2) Begin to build the circuit with multi-sim software.

Plans for next week

Next week our objective is to physically install the lenses in the eyepiece of the microscope using the system we designed in AutoCAD. We would also like to begin to design the projector circuit.

Individual Contributions (this week)

Gregory Kuhn-Designed the mechanical system to hold the lenses in place using AutoCAD software.

Noah Bergman – -Designed the mechanical system to hold the lenses in place using AutoCAD software.

Garret Hembry- -Designed the mechanical system to hold the lenses in place using AutoCAD software.

Matthew Kelly- -Designed the mechanical system to hold the lenses in place using AutoCAD software.

Total contributions for the project

Noah Bergman-40hrs
Gregory Kuhn–40hrs
Matthew Kelly–40hrs
Garret Hembry-40hrs