

# ECE 491 Weekly Report MAY1607 Week 8 (10/12/2015-10/19/2015)

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**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

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## Weekly Summary

We are still waiting for our parts to arrive and until then there is not much to do. We already have an idea of how to display the instructions in the Microscope and will attempt to do such when the parts arrive. Furthermore we began looking into the parts required to build the mini-Projector itself. Unfortunately we still not purchased them until after our project supervisor approves and as I have already mentioned our Microscope parts have yet to arrive. Therefore we did not accomplish much this week and as a result this report will be relatively short.

### 10/15/15 Group Meeting in TLA

**Duration:** 30 min **Members Present:** All

#### **Purpose and Goals:**

The purpose of this meeting was to develop a project plan so that upon meeting with our project supervisor next week he can see exactly how we intend to go about completing the project.

**Achievements:** We were successful in this regard, and using adobe software we were able to create many concept drawings which we hope to show Mr. Hearst in our meeting next week.

## Pending issues

1. Acquire the materials (i.e. microscope, lenses) required to successfully display the instructions being displayed in the microscope.
2. Build a mechanism for displaying the instructions in the microscope lenses.

## Plans for next week

We will be meeting with our project supervisor Bob Hearst next week on Friday October 22. The objective here is to better communicate with him on where we are in our project and its estimated completion schedule. Mr. Hearst can also give us guidance on what parts are required to build the mini projector display and how to go about building it. Furthermore we also hope to begin designing the actual mini Display Projector next week using cadence software.

## Individual Contributions (this week)

Gregory Kuhn- Researched technical aspects of microscopes, mirrors, and lenses.

Noah Bergman – Researched technical aspects of microscopes, mirrors, and lenses. Created concept drawings of the microscope and mini projector using Adobe software.

Matthew Kelly – Researched technical aspects of microscopes, mirrors, and lenses.

Garrett Hembry- Researched technical aspects of microscopes, mirrors, and lenses.

## Total contributions for the project

Noah Bergman-15hrs

Gregory Kuhn-15hrs

Matthew Kelly-15hrs

Garrett Hembry-15hrs