

EE/SE/CPRE 491 Weekly Report
MAY 1631 - Spring 2016
Week 2 Report

Advisor

Leland Harker

Client

ISU Electrical & Computer Engineering

Project Title

Automated Tool Monitoring System

Group Member

Team Leader	Edward Droesch (CprE)
Team Webmaster	Wan Zulsarhan Wan Shaari (SE)
Team Communication Leader	Ibtisam Osthram (EE)
Team Key Concept Holder	Mohamad Asyraf Samsudin (EE)
Team Key Concept Holder	Deeksha Juneja (CprE)

Meeting Attendance (January 22th, 2016)

Edward, Wan, Ibtisam, Mohamad, Deeksha

Weekly Summary

The main goal of this week is to start working on where we left on from last semester and also dividing work with our new member, Deeksha

Meeting Minutes

- Ibtisam, Edward and Deeksha will be working on Image Processing Unit and myRIO program
- Wan will be working on adding new features on the Web Application and will be helped by Deeksha
- Mohamad will be working on hardware setup of the system

Weekly Accomplishment

- Installed National Instrument Software Bundle on our laptop
- Distributed the work among members
- Acquired several foam of different colors

Plan for Coming Week

- Deciding the color contrast of the foam for tool placement and image analysis
- Keep working on MyRio program and Vision software
- Working on adding new features to the Web Application

Pending Issues

- Still have not decided on the design of the lock mechanism

Individual Contributions

- **Edward**
 - Installed MyRio Vision software
 - Discussed on the issue of different distances from camera to drawer
- **Wan**

- Gave ideas for the work distribution of this semester
- Rerun the program
- Explained to our new member, Deeksha about the software part
- Wrote and upload weekly report 1
- **Ibtisam**
 - Emailed team members to remind about the meeting
 - Discussed on the issue of different distances from camera to drawer
 - Explained a little bit about the progress of Image Processing Unit to team members
- **Mohamad**
 - Work on independent circuit design for the drawer
- **Deeksha**
 - Emailed ETG to resolve the issue with the database
 - Discussed ideas of camera placement
 - Tried to install the MyRio software (unsuccessful for unknown reason)
 - Understood the software a little bit with the help of team members

Individual Hourly Contributions

Team Member	Weekly Hour	Cumulative Hour
Edward Droesch	5	29
Wan Zulsarhan Wan Shaari	5	43
Ibtisam Osthram	5	40
Mohamad Asyraf Samsudin	4	40
Deeksha Juneja	6	6

