

EE/SE/CPRE 491 Weekly Report
MAY 1631 - Spring 2016
Week 5 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 (February 12th, 2016)

Wan, Deeksha, and Lee Harker

Weekly Summary

The main goal of this week is to continue working on image processing analysis, drawer sensor module, test the Main Control Unit and solve the MySQL database issue

Meeting Minutes

- Meet the person from ETG to discussed about the MySQL database issue.
 - They will create a new Linux VM with MySQL and PHP capability for our team
- Meet with Lee Harker to discuss about the camera

Weekly Accomplishment

- Talked to Lee Harker about the camera that we want to use and he ordered the camera
- Solved the MySQL database issue

Plan for Coming Week

- Continue on web application development once the database is ready
- Continue testing the image and playing around with it
- Need to start deploy the image into the LabView
- Design a lock mechanism using SolidWorks

Pending Issues

- Still have not decided on the design of the lock mechanism
- Have not decided on the tool foam design

Individual Contributions

- **Edward**
 - Keeping track the project's timeline
- **Wan**

- Solved the Database issues
- Test the Main Control Unit with servo module
- **Ibtisam**
 - Work on LabView and Vision script
- **Mohamad**
 - Work on independent circuit design for the drawer and lock mechanism
- **Deeksha**
 - Met Lee Harker about the camera (it has been ordered)
 - Arranged the meeting between ETG and Wan to solve the Database issues
 - Research on LabView and understand it's working

Individual Hourly Contributions

Team Member	Weekly Hour	Cumulative Hour
Edward Droesch	2	41
Wan Zulsarhan Wan Shaari	5	58
Ibtisam Osthram	5	55
Mohamad Asyraf Samsudin	4	52
Deeksha Juneja	4	20