EE/SE/CPRE 491 Weekly Report
MAY1631
Week 2 Report

Advisor: Leland Harker
Client: ISU Electrical & Computer Engineering
Project Title: Automated Tool Monitoring System

Group Member:

Team Leader	Edward Droesch
Team Webmaster	Wan Zulsarhan Wan Shaari
Team Communication Leader	Ibtisam Ostham
Team Key Concept Holder	Mohamad Asyraf Samsudin

Meeting Attendance (September 10th, 2015):
Mr. Harker, Edward, Wan, Ibtisam and Mohamad

Weekly Summary:
The main goal of this week is to discuss the design of our tool monitoring device and to get familiar with the concept of our project

Meeting Minutes:
- Explain to Mr. Harker about how we want to start our project
- Ask opinions from Mr. Harker regarding our project design and equipment needed
- Discuss some flaws of our initial design that might be encountered and how to fix them

Weekly Accomplishment:
- Created initial design to get started
- Had meeting with Mr. Harker
- Acquired motherboard and some other equipment from machine shop
- Had our own locker in senior design lab co1301
- Requested room co1316 and co1301 online

Plan for Coming Week
- Get started with Raspberry Pi
- Continue individual research on sensor, servo and myRio
- Start website

Pending Issues:
- Schedule time for safety training to have access to the room co1316
- Have not decide to go with myRio or Raspberry Pi
- Get used to LabView and Solidworks
- Requirements (try to make the system able to detect each tool in the toolbox)
- Design specifications

Individual Contributions:
- **Edward**
  - Do research on myRio
- **Wan**
  - Do research on Raspberry Pi and MyRio and list their advantages and disadvantages
- **Ibtisam**
  - Write weekly report, email advisor and create group alias email
- **Mohamad**
  - Initiate the initial design of our project

Individual Hourly Contributions:

Team Member	Weekly Hour	Cumulative Hour
Edward Droesch	1	2
Wan Zulsarhan Wan Shaari	1	2
Ibtisam Ostham	1	2
Mohamad Asyraf Samsudin	1	2