CprE 491 Weekly Report DEC15-11 Week 9 (3/31/15-4/6/15)

Advisor: Lee Harker **Client:** Matt Besser
Members (roles):
Shiai Liu (communication);
Eric Graika (Webmaster);
Luke McDonald (communication);
Scott Hood (Leader);
Daniel Keith (Key concept holder).
Project Title: Laboratory instrumentation and monitoring

Weekly Summary:

Met with Ames lab network personal and learned about what are restricts and options we have when working on database and website. Met with Lee harker and discussed the monitoring box design and bought Lee up to date on the rest of the project as well.

Accomplishments:

1: Updated the Project Plan

2: Met with Lee Harker to begin him up to speed

3: Base of Monitoring website built

Pending issues:

1: Adding to the Design Plan and Project Plan.

2: Access and set up database on Ames lab network

3: Programming Raspberry Pi and Website

Plans for next week:

1. Work on the Presentation

2: Configure and setup that Raspberry Pi //delayed due to additional parts needed.

Individual Contributions:

Shiai Liu : Finished the Ames Lab trainings. Doing research on sensors questions and preparing the presentation.

Eric Graika: Worked on updating the website that just needs the client to set up the database to integrate with it. Met with the Ames Lab Networking team about setting up our server.

Luke McDonald: worked with Eric about updating the website so we could present it to the client. Also met we the Ames lab networking team with Scott and Eric about setting up an active server

Scott Hood: Met with the Ames lab networking and web team in order to discuss the possibilities we had for setting up an active server to run our database and website from. We also discussed how we would manage and work on the project using a vpn system and made sure that we would have access to said server at decent hours.

Daniel Keith: did Ames lab training. Added on to the project plan. I setup the Raspberry Pi with a Rasbian wheezy operating system and loading and updated to the python libraries and added the ADCElectrionic libraries to the python libraries. Worked on to the the User Start up guide.

Total contributions for the project:

Name	**This Weeks hours**	**Cumulative**
Shiai Liu	**3**	**27**
Eric Graika	**4**	**35.5**
Luke McDonald	**4**	**28**
Scott Hood	**2**	**30.5**
Daniel Keith	**5**	**31.5**