EE491 Weekly Report 2 1/31/2016

**Group Number:** DEC1604

**Project Title:** Honeywell FM&T

**Client & Advisor:** Honeywell / Zhengdao Wang

**Team Members/Role:**

Katherine Gresback – Team Leader

David Orona – Weekly Report Compiler

Jonathan Yeoh

Eric Riedl - Webmaster

**Weekly Summary:**

* We emailed the contact for our project at Honeywell.
* We attempted to extract basic information from an example LMS data file using a file found online (not necessarily in conformity to Honeywell standards).
* We are working on creating the email DEC1604 for our group.

**Past Week Accomplishments:**

* Katherine – emailed the contact from Honeywell. His email had an automatic reply and he will not be back into the office to check emails until February 1st.
* David - with no contact updates or information as of yet, David made an effort to download an example LMS file and attempt to extract any information from it using MATLAB functionality. Unfortunately, no details could be extracted, due in part to the complex and unfamiliar nature of the file. This therefore highlights the dire need for the faculty meeting in order to have an in-depth discussion concerning LMS.
  + It is important to keep in mind that although it does maintain the title as an LMS file, the example file used was just that - an example, and thus does not necessarily conform to Honeywell standards and layout.
* Jonathan - further research on the project topics and found a few more sources are related to the LMS binary files.

**Pending Issues:**

* Waiting for a faculty advisor to be assigned to our group
* Waiting to hear from the contact at Honeywell
* LMS files take on a wide variety of forms. The example file downloaded and interacted with is more than justification of this notion. Although it was mentioned last week, there is still the need to sit down/communicate with the advising committee and figure out exactly what the team is looking at in terms of format and layout perspective.
* The email aliasing is proving troublesome to construct. Do we need administrative rights from Iowa State to compile an email for several email accounts? Do we simply just utilize Google Groups?

**Individual Contributions:**

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| --- | --- | --- | --- |
| **Name** | **Individual Contributions** | **Hours this week** | **Hours Cumulative** |
| Katherine Gresback | * Schedule organizing * Trying to contact Honeywell representative * Filling out weekly report | 2 | 2 |
| David Orona | * Attempted to extract basic LMS data from an example document using MATLAB | 2 | 4 |
| Jonathan Yeoh | * Found online sources that explain LMS binary files | 1 | 5 |
| Eric Riedl | * Researched different methods of reading data from various file types using MATLAB. | 1 | 2 |