EE 491 Weekly Report 11 4/11/2016

**Group Number:** DEC1604

**Project Title:** Honeywell FM&T

**Client & Advisor:** Honeywell / Zambreno

**Team Members/Role:**

Katherine Gresback – Team Leader

David Orona – Communications Compiler

Jonathan Yeoh - Key Concept Holder

Eric Riedl - Webmaster

**Weekly Summary:**

* Met with our advisor, Dr. Zambreno, in hopes of finding the solution to our basic compile issues within the main interface, Visual Studio. As implied from the Pending Issues section, this still proved troublesome. This indicates we are utilizing the wrong environment and/or are missing some miniscule file for full compile
* Continued efforts in creating the Visual Studio/MATLAB link
* Beginning efforts into final presentation

**Past Week Accomplishments:**

* Successfully created a communication link from Visual Studio to MATLAB. This will prove vital in transferring the multiple data points, which in turn will hopefully reduce compilation time due to MATLAB’s on-the-fly structure

**Pending Issues:**

* We are still waiting to receive a working project from our Honeywell contact, all the files they send us are banned by the ISU email.

**Individual Contributions:**

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| **Name** | **Individual Contributions** | **Hours this week** | **Hours Cumulative** |
| Katherine Gresback | * In contact with honeywell trying to get a working project sent to us * Visual Basic exploring/experimentation | 3 | 30 |
| David Orona | * Continued efforts into transferring data from VS to MATLAB * Began making final presentation slides | 3 | 22 |
| Jonathan Yeoh | * Created a C++ script in the Visual that can be compiled then try to create a MATLAB MEX function from the .cpp file * Studied some specification needed to create the Mex function from the .cpp file | 4 | 23 |
| Eric Riedl | * Worked on coding some basic programs in VS. * Continued analyzing code and attempted to compile as well. | 2 | 20 |