

Group number: May 1715

Project title: Internet of Machines

Client &/Advisor: Vermeer, Keith Bryant / Dr. Sang Kim

*Team Members/Role: Dean VanEvery/Team Leader, Cody Lample/Key
Concept Holder, James A Kluesner, Matthew Gustin/Webmaster, Sam
Ellis/Communications Leader, Kojo Otchere-Badu*

o **Weekly Summary**

This week we came up with a time frame based on the date of our initial presentation we were assigned this week, and further planned around the three main components of the project and outlined the interactions of each part.

o **Past week accomplishments**

- Matt Gustin – Created test mongoDB and api
- Dean VanEvery –
- Sam Ellis –
- Kojo Otchere-Badu – Researched alternate means of sampling sensor data.
- Cody Lample - Created project prototype presentation and began initial sensor testing.
- James Kluesner – Blocked by lack of parts, finished project schedule

o **Pending issues**

Still waiting on parts, but we are still currently able to work with the resources we have at this time.

o **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Cody Lample	Perform initial sensor testing	2	6
Dean VanEvery			3
James Kluesner	Completed project schedule	2	8
Matt Gustin	Created test mongoDB and api	4	10
Sam Ellis	Installed and configured SQL table and other required software on database VM	3	8
Kojo Otchere-Badu	Researched alternate means of sampling sensor data.	2	6

o **Plan for coming week**

Work on the SQL integration of data on the database side, work on sensor testing on the transmitter side. Finalize project board to reflect meetings and decisions made this week. Meet with advisor to discuss these changes.