

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, Yulin Song, Kojo Otchere-Badu*

o Weekly Summary

This week we compiled our work into the design document. We drafted our plans for testing the drone and networking.

o Past week accomplishments

- Matt Gustin – Website setup
- Dean VanEvery – Design document planning, project description and conclusion
- Sam Ellis – Design document requirements and block diagram.
- Kojo Otchere-Badu – Website design and uploading of documents
- Cody Lample -
- James Kluesner – Design document, testing analysis and results
- Yulin Song –

o Pending issues

We've run into difficulties choosing appropriate sensors for our client system to reflect the capabilities of the proposed design. We're looking for a wide variety of data to be able to send back to the server to reflect on the scalability of the final product.

o **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Cody Lample			16
Dean VanEvery	Sensor research, documentation description	2	15
James Kluesner	Design document, testing analysis/results	3	20
Matt Gustin	Website setup	3	16
Sam Ellis	Design document, requirements and block diagram	2	20
Yulin Song			10
Kojo Otchere-Badu	Website design and uploading of documents	3	20

o **Plan for coming week**

We plan to finalize our list of proposed hardware for purchase to meet our scheduled deadline of 12/2 to have our parts ordered. We are also planning on beginning work on our Project Plan document to reflect changes made since the first draft.