Group 36: **The Occupancy Project**

Advisor: Mani Mina, Client: Iowa State University
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Week 3

Group Members:

Shaun VanWeelden - Team Lead - (shaun314@iastate.edu)
Sam Ennis - Web Jedi - (sennis@iastate.edu)
Lee Robinson - Key Concept Holder "Synergy" (leerob@iastate.edu)
Mike Pruszinske - Communication Leader - (mikep@iastate.edu)

This Week's Accomplishments

- Participated in Hack ISU (36-hour hackathon)
- Developed version 1 of hardware using purchased PIR sensor (mediocre results)
- Developed version 2 of hardware using photoresistor attached to existing occupancy sensor in Coover classrooms (improved results)
- Initial integration of data communication between hardware and Parse
- Solid start on our website (http://theoccupancyproject.parseapp.com/) using Materialize

Next Week's Plan

- Clean up code from the hackathon
- Revisit timeline to maintain realistic plans
- Discuss implementation options going forward (particularly related to hardware)
- Continue product development

Pending Issues

- N/A - All good so far!

Individual Contributions

- Shaun - Worked on web application development and database design with Sam
- Sam - Worked on web application development. Created initial UI for pages on the site, as well as setup database entries to interact effectively.
- Lee - Created hardware prototypes. Successfully transmitted occupancy state to database.
- Mike - Worked with Lee on hardware development (version 1 and 2) of our device at HackISU, wrote up pitch/project content for Devpost and presentation

Hours (This Week) (9/18/15 Meeting - All Present)

- Lee - 24.0 hours
- Mike - 24.0 hours
- Sam - 24.0 hours
- Shaun - 24.0 hours

Hours (Total)

- Lee - 30.0 hours
- Mike - 30.0 hours
- Sam - 30.0 hours
- Shaun - 31.0 hours