

Weekly Report TWELVE (Nov 31, 2015)

Iowa State Bike Share Program Advisors: Professor Mina / Professor Kargol

Members / Group Rules

- Jordan Studer - Team Leader
- Molly Schaeffer - Team Key Concept Holder
- Kaitlynn Kruse - Team Key Concept Holder
- Kyle Perkins - Team Communication Leader
- Brian Anderson - Team Communication Leader
- Jeffrey Neel - Team Webmaster
- Mohammad Darwish - Team Webmaster

Weekly Summary

We've receive nearly all of our hardware and have tested all of the pieces individually. The software team has made great progress on the web applications as well as the server and android application. We've started work on our final presentation as well as our final project plan and design documents.

Members Present (Date of Meeting)

Code Jam - Members Present: Jordan Studer, Molly Schaeffer, Kaitlynn Kruse, Kyle Perkins, Brian Anderson, Jeffrey Neel, Mohammad Darwish. Molly and Mo worked on the web applications, Jordan and Kaitlynn worked on the android app, Jeff coordinated everything and worked on the server, and Kyle and Brian worked on the raspberry pi code.

Accomplishments of Past Week

All of the necessary hardware has been received and tested individually. Each piece of the project (hardware, web apps, mobile app, server, etc.) has basic functionality and has been placed in the prototype category.

Plan for Coming Week

We will finish working on our final presentation, final design document, and final project plan. We will also be touching up any of the necessary components to the project before the final presentation in order to make sure everything works fine and will be ready to continue to be worked on next semester.

Pending Issues

- Budgeting time to finish all of the documentation with deadlines and other finals approaching

Individual Contributions

- Jordan Studer - Finished up Android Maps prototype and adding the Directional prototype to get users to the nearest docking station. Also set up all database and populated with data for demonstration and potential real data.
- Brian Anderson -Worked with the hardware team to assemble all of the electronic hardware onto the docking station plate. Worked to get the display and lights ready for a demo video. Videod the demo.
- Jeff Neel - worked to finish the server architecture and started setting up a developement server. worked on the django backend and bike stand code.
- Mohammad Darwish - worked on creating the user interface and server side for the admin web page (thanksgiving break and last week)
- Kaitlynn Kruse - Worked on the final presentation powerpoint, contact us and maintenance forms on Android application, worked on database and connection problems.
- Kyle Perkins - Worked on hardware and Raspberry Pi code, final presentation powerpoint, design document, project plan, put together bike stand hardware

- Molly Schaeffer - Worked on final presentation powerpoint and HTML code for admin web application users and maintenance requests pages. Helped debug the database connection issues in the Android app. Met with Jeff to discuss and get a tutorial on the Django setup.

Individual Hourly Contributions

Team Member	Weekly Hours	Cumulative Hours
Jorden Studer	8	33
Molly Schaeffer	10	36
Kaitlynn Kruse	8	34.5
Kyle Perkins	8	38
Brian Anderson	8	39
Jeffrey Neel	10	51
Mohammad Darwish	20	50