

Weekly Report 15 (4/21/16)

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

This week our team buckled down and put a lot of finishing touches on our project. The hardware team worked more on rewriting the code on the raspberry pi and prepared the stand for an Earth Day demo on central campus.. The software team continued development on the user and admin web applications as well as the android app. We also executed testing on various portions of the project.

Members Present (Date of Meeting)

Earth Day Demo (4/22/16) Members Present: Jordan Studer, Kyle Perkins, Brian Anderson, Mohammad Darwish: Worked the Bike Share stand on central campus during Earth Day, promoting awareness for our project and how it would be beneficial to Iowa State and the surrounding community of Ames.

Final Project Report Meeting (4/24/16) Members Present: Jordan Studer, Molly Schaeffer, Kaitlynn Kruse, Kyle Perkins, Brian Anderson, Jeffrey Neel, Mohammad Darwish. This meeting was held to get the full team together to work on the final document concerning our project. We discussed all of the necessary information about the project and how the document should flow, and then wrote the document together.

Accomplishments of Past Week

This past week our team continued to put the finishing touches on our project. The hardware team continued working on rewriting the code on the raspberry pi to be easily understandable and to work better with our new hardware. The hardware team also set up the stand to be in demo mode for the Earth Day demo on central campus. The software team continued work on the user and admin web applications as well as the android application. Worked on testing the software and doing finishing touches putting everything together.

Plan for Coming Week

This coming week, the hardware team will finish the new code for the raspberry pi, and the software team will put the final touches on the web and android applications. We will also be working on our final presentation and demo for Thursday.

Pending Issues

None

Individual Contributions

- Jordan Studer - Finishing up and putting a bow on the Android Application, testing the application, working on the final document and making sure the demo is correctly set up.
- Brian Anderson - Worked to update all the raspberry pi code, assembled equipment for the new docs, prepared the stand for the Earth Day demo, worked on the final document for the project, and showed the stand at the earth day demo.
- Jeff Neel - Worked to write raspberry pi code, continued to work on assembling multiple docks, performed security auditing and testing of the web application, and manually tested the web application for usability and functional requirements.
- Mohammad Darwish - Finished working on a lot of the CSS aspects of the web page. Also finished the map. Started fixing minor bugs in the code.

- Kaitlynn Kruse - Worked on final Design Documentation, worked on finishing touches of web application, bug fixes. Attended meeting for final documentation.
- Kyle Perkins - Wrote code for the raspberry pi, prepared the stand for Earth Day, promoted project at Earth Day, worked on final document
- Molly Schaeffer - Finishing last minute web app changes, writing Django unit tests for the web application, doing bug fixes, and making REST API changes as requested by Jordan. Attended Final Project Report Meeting and assisted completing report

Individual Hourly Contributions

Team Member	Weekly Hours	Cumulative Hours
Jorden Studer	20	92
Molly Schaeffer	20	122
Kaitlynn Kruse	20	99
Kyle Perkins	18.5	76
Brian Anderson	17.5	75
Jeffrey Neel	16	100
Mohammad Darwish	20	72