

Weekly Report TEN (Nov. 10, 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

This week, our team worked on the second version of our project plan, as well as worked on and made a lot of improvements to the software of the system. The hardware team is currently investigating the RFID reader and associated software to see what improvements can be made or if we need to order a different reader.

Members Present (Date of Meeting)

Meeting with 492 Group (Nov. 10, 2015): Members present- Jordan Studer, Jeff Neel, Kaitlynn Kruse, Molly Schaeffer. Discussed the 492 group's project (Future Wearables) and got advice from them on dos and don'ts for our senior design project.

Team Meeting (Nov. 10, 2015): Members present - Jordan Studer, Brian Anderson, Jeff Neel, Kaitlynn Kruse, Kyle Perkins, Molly Schaeffer. Worked on the second version of the project plan.

Accomplishments of Past Week

This past week we began investigating the RFID reader and figuring out why it isn't working to our standards. We also got together and talked about what needs to get done on the software side of things and began implementing some of those things.

Plan for Coming Week

The plan for the upcoming week is to finish working with the RFID reader and get it working. We also need to draw up some circuit diagrams for how we plan to lay everything out in the system, and also work on designing a PCB to make connections easier in the long run. The software team will continue working on the admin and user pages, server, and android app.

Pending Issues

- Getting the RFID reader to read at a reasonable distance
- Waiting on Mechanical Engineering team for second bikestand design

Individual Contributions

- Jordan Studer - Worked on the initial Google Maps functionality on the Android Application and met with 492 to discuss their project. We also worked on 2nd draft of project plan.
- Brian Anderson - Discussed and worked on the RFID reader. Contributed to the 2nd draft of the project plan.
- Jeff Neel - Met with 492 group to do peer evaluation. Discussed and worked on the RFID reader, and worked on the setup of the server environment for our project as well as researched what the best configurations were for our project.
- Mohammad Darwish - Started building user web application
- Kaitlynn Kruse - Met with the 492 group to do the assignment for what went well and what didn't for their group. Worked on the 2nd draft of the project plan.
- Kyle Perkins - Worked on second version of project plan. Worked a little bit with the RFID reader.
- Molly Schaeffer - Worked on second version of project plan. Met with 492 group.

Individual Hourly Contributions

Team Member	Weekly Hours	Cumulative Hours
Jorden Studer	2	22
Molly Schaeffer	2	24
Kaitlynn Kruse	2	24.5
Kyle Perkins	2	28
Brian Anderson	2	28
Jeffrey Neel	10	37
Mohammad Darwish	2	27