

# Weekly Report NINE (Nov 2, 2015)

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

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## 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

The hardware team worked on getting the LED strips working and ran some cold tests on the equipment to make sure it would all work in the cold lowan weather. The software team met up and had a coding session to get more of the UI, admin page, user page, android app, and server code done and coordinated.

## Members Present (Date of Meeting)

Software Team Meeting (Oct 29, 2015) - Members Present: Jordan Studer, Molly Schaeffer, Kaitlynn Kruse, Jeffrey Neel. Discussed and worked on Android app and server code.

## Accomplishments of Past Week

The raspberry pi is up and running. The LED strip works with it as well as the touchscreen display, although we will most likely be using a non-touchscreen display in the end. The cold tests on the raspberry pi, touchscreen, LED strip, and power supply all went well. The equipment works in freezing temperatures.

## Plan for Coming Week

The hardware team will begin putting everything together instead of individually testing each piece of equipment. Heat-tests also need to be ran for each piece of equipment to make sure everything will work in warm weather as well as cold. We are also still waiting on a few pieces of hardware which is slightly holding us back.

## Pending Issues

Waiting on hardware Communication with other groups Waiting on ME team to finish manufacturing a new stand

## Individual Contributions

- Jordan Studer - Software code jam to work on getting the server set up with the correct technology. Looking at using Django instead of Java for our server and using PostgreSQL instead of MySQL for ease of use
- Brian Anderson - Worked to get the LED strip working on the raspberry pi. Began temperature tests on the hardware.
- Jeff Neel - Worked on more of the server developement as well as went to the software meeting discussed options to switch style of webapp and the systems backend
- Mohammad Darwish - Server installations and configurations. Attempting to get the http server to work.
- Kaitlynn Kruse - Went to the software code jam, software set up and began with ideas regarding interface components.
- Kyle Perkins - Worked on LED strip and got it working. Ran cold tests to make sure equipment worked in freezing temps.
- Molly Schaeffer - Attended software code jam. Learning Python.

## Individual Hourly Contributions

Team Member	Weekly Hours	Cumulative Hours
Jorden Studer	4	20
Molly Schaeffer	3	22
Kaitlynn Kruse	3	22.5
Kyle Perkins	4	26

Brian Anderson	4	26
Jeffrey Neel	4	27
Mohammad Darwish	4	25