

# Weekly Report 10 (3/17/16)

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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

This week, the hardware team worked on a bill of materials in order to purchase the necessary equipment to build multiple stands for testing and eventual implementation. The software team continued work on the server, web, and android applications.

## Members Present (Date of Meeting)

This was the week of spring break, so no meetings were had during this time.

## Accomplishments of Past Week

This past week, the hardware team worked on a bill of materials. This is useful for purchasing the necessary equipment in order to build multiple stands, which will be useful when we begin testing communications between multiple stands and the server. The software team continued working on the server, web, and android applications. Our REST API was worked on and is getting close to being functional and ready for testing.

## **Plan for Coming Week**

Our plan for the coming week will be to finish up the bill of materials so we can work on putting together a couple more bike stands. We will also test some new equipment as soon as it comes in including a new power supply, a new raspberry pi, and a different screen. The software team will continue work on the REST API as well as the other applications.

## **Pending Issues**

- Deciding between metal-mount RFID tag and reader and our current ones
- Finishing and testing the REST API
- Waiting to receive new equipment

## **Individual Contributions**

- Jordan Studer - Researched Android -> Django Rest connections in order to transfer data
- Brian Anderson - Worked on Bill of materials.
- Jeff Neel - held meetings with FPM and ETG to figure out how to integrate systems into bikeshare project
- Mohammad Darwish - worked on server configuration and web developement.
- Kaitlynn Kruse - Worked on adding the forms and templates to the Contact and Maintenance pages.
- Kyle Perkins - Worked on bill of materials
- Molly Schaeffer - Finished the dock and station pages in the web application. Started working on REST API.

## Individual Hourly Contributions

Team Member	Weekly Hours	Cumulative Hours
Jorden Studer	4	38
Molly Schaeffer	8	58
Kaitlynn Kruse	8	47
Kyle Perkins	2	40.5
Brian Anderson	2	40.5
Jeffrey Neel	6	44
Mohammad Darwish	2	30