

# Weekly Report FIVE (October 5, 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

This week we heavily worked on our project plan and got it as organized and updated as possible. With this first version, we now have a reference for all of us to look at and see the overall goals of our project as well as the individual pieces and technical aspects that build together to make the project.

## Members Present (Date of Meeting)

Meeting with Advisor (Sept. 28, 2015) - Members Present: Brian, Jeff, Mohammad, Kaitlynn, Kyle, Molly. Discussed the details of the project and who we need to contact in order to answer our software related questions to get a better understanding of feasibility within the project, as well as know how much we will be collaborating with Iowa State University itself on the project.

Team Meeting (Oct. 1, 2015) - Members Present: Brian, Jeff, Kyle, Molly. Worked on project plan and discussed project ideas, organization, and workflow.

## **Accomplishments of Past Week**

This past week we finished a first version of our project plan, allowing us to be more organized and have a reference point available for the entire team. As our project is updated with more information, we can then update the project plan to a more finalized version.

## **Plan for Coming Week**

The plan for the upcoming week involves several things. First, we plan to meet with our software contact in order to get feedback from Iowa State on how much information we will be given regarding students and how we can use that information in order to build our system. This information greatly affects how our system must be put in place, so this is an important step. We are also still waiting on some hardware to come in, so we will be designing possible implementation while we wait for the hardware to arrive, as well as discussing ideas about possible having gps on the bike and other communication systems. We will also be working on the admin and user website as well as the mobile app in parallel with all of these things.

## **Pending Issues**

-Finding a time to meet with the software contact could be difficult

-Still waiting on hardware to come in

## **Individual Contributions**

- Jordan Studer - Worked on project definition to figure out exactly what we are going to be working on. Starting to define tasks and subtasks for the work that needs to be done. Looked into the Google Maps API for Android to start.
- Brian Anderson - Worked on the project plan. Helped to determine how or whether to track the bikes.
- Jeff Neel - This week I looked into GPS solutions for the bikes as well as worked on the project plan.
- Mohammad Darwish - Investigated potential security solutions for the application

- Kaitlynn Kruse - Worked on requirements and plan, looked in to subtasks for the Android Application and what the next steps are for moving forward.
- Kyle Perkins - Worked on project plan, discussed possible hardware issues concerning gps and communication
- Molly Schaeffer - Worked on requirements and project plan

### Individual Hourly Contributions

Team Member	Weekly Hours	Cumulative Hours
Jorden Studer	2	9
Molly Schaeffer	2	11
Kaitlynn Kruse	2	11
Kyle Perkins	2	12
Brian Anderson	2	12
Jeffrey Neel	2	14
Mohammad Darwish	1	11