

## sdmay18-23: Internet of Things, Data Analytics for Snow Plow Truck-Data Live

Week 5 Report

October 13 - October 20

### Team Members

Alexander Smola — *Design Lead*

Alan Peine — *Git Master*

Colin Heinrichs — *Test Engineer*

Evan Warych — *Report Manager*

Michael Entin — *Meeting Reporter*

Zachary Wilson — *Meeting Facilitator/ Point of Contact*

### Summary of Progress this Report

During this week the main goals of the team was to start narrowing down our thoughts with the project. By reading about certain schemes such as data warehouses and gps tracking/mapping we were able to get more ideas to present to Henderson Products to develop concrete deliverables for the project. Along those lines, another goal of the groups this week was to continue the conversation with the client to create expectations for our project. We were able to get more insight on what is hoped to done with the web page. Knowing more on how the data for trucks will be logged, graphed , and tracked helps tremendously with our project planning. In the end the goal will be to see a map of where trucks go, and the spread the truck produces, highlighting any outliers in the data that can help spot issues with the trucks. Certain drop downs will also be included to select different data options allowing a lot of room for expansion with the site.

### Pending Issues

The group will still need to come together collaboratively to decide specifics in the project plan. Specifically the database vs data warehouse debate needs to be settled, our advisor is still aiding in that by giving plenty of readings for everyone to create their own ideas on what we need.

### Plans for Upcoming Reporting Period

The entire group was given readings that pertain to data tracking and gps mapping that will need to be looked over. Alan and Alex were also given special instructions to start brain storming possible ways to bring their computer engineering and electrical engineering expertise to this project.

### Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Alexander Smola	Completed assigned readings	4	21
Alan Peine	Completed assigned readings	4	23
Colin Heinrichs	Completed assigned readings	4	23
Evan Warych	Completed assigned readings	4	21

Michael Entin	Completed assigned readings	4	23
Zachary Wilson	Completed readings and set up new program for meetings with client	4	22