sdmay18-23: Internet of Things, Data Analytics for Snow Plow Truck-Data Live
Week 8 Report
November 5 - November 11

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
The group in this period came to a lot of conclusions around the final project planning. After research it was concluded that Amazon Web Services would best fit our needs for offsite web hosting of our data. It was the most cost effective product and provides the desired reliability. Roles were also assigned to create a "master" of the sections in our projects design. They are as follows...
Data Loggers- Alex
Data Ingestion - Alan
Data Storage- Mikey
Webapp Backend - Evan
Webapp Frontend - Zach

With Colin serving as an overall leader in the project who would have his hands in many different areas at once.

Pending Issues
With the end of the planning phase drawing closer, issues are to discover technical problems withing each "masters" section to address the functionality before implementation.

Plans for Upcoming Reporting Period
Members of the group were tasked with further research into the applications that can be applied to their respective portions of the project. If possible early prototyping would be done to show a proof a concept before being implemented into the live development.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Alexander Smola	Design Documentation	2	29
Alan Peine	Research into canOpen and j1939 standards	2	34
Colin Heinrichs	Cloud hosting research and comparison	4	35
Evan Warych	Cloud Research and Documentation	4	31

Michael Entin	Data Compression/ Hosting research	2	34
Zachary Wilson	Research and Design Documentation	4	33