sdmay18-23: Internet of Things, Data Analytics for Snow Plow Truck-Data Live
Week 4 Report
October 1 - October 12

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 groups progress this reporting period was highlighted by sitting down with our project advisor, Goce Trajcevski. During this meeting Goce helped the group narrow down from having a multitude of ideas surrounding the deliverables within the project to knowing which questions to ask to help find a specific path that will guide us throughout the process. For instance concrete expectations need to be discussed as far as the intended display of data from the snowplows, which data is to be represented and how should it be modeled. Questions like this will help guide the project plan, especially when it comes to database design. We were also introduced to the idea of a data warehouse, which has potential to be helpful for our cause, but will need to be researched into further.

Pending Issues

The following issues pertain to the entirety of the group resulting from the discussions this week.

1. Read into data warehouses to see if it will benefit our project
2. Read into other companies already performing big data collection and modeling to learn from their product and advance our own. (Specifically US Xpress)
3. Create more concrete expectations for the project

Plans for Upcoming Reporting Period

Per the pending issues plans this reporting period is to read into the given resources and learn from them. The idea this reporting period was to turn our project plan from mainly good intentions and loose goals and narrow expectations with the project. Research, readings, and further meetings in the next period with both Henderson Products and our advisor will allow that process to continue.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Alexander Smola	Continued preliminary work on initial project plan and design	5	17
Alan Peine	Continued research on options for the design	5	19

	of the application.		
Colin Heinrichs	Sought out new tech and frameworks that could be beneficial for the project	5	19
Evan Warych	Help write/edit project plan and continued research	5	17
Michael Entin	Maintained project website and researched design options for the application2	5	19
Zachary Wilson	Established more concrete weekly meeting times with both Henderson Products and Goce	5	18