sdmay19-18: Real time Route Optimization
Week 10 Report
November 26 - December 2

Team Members
 Junjie Wen — *Backend Developer; Data Analyst*
 Zhanghao Wen — *Product Manager; Technical Writing; Weekly Status Report*
 Yuhang Xie — *Web Developer; UI Designer*
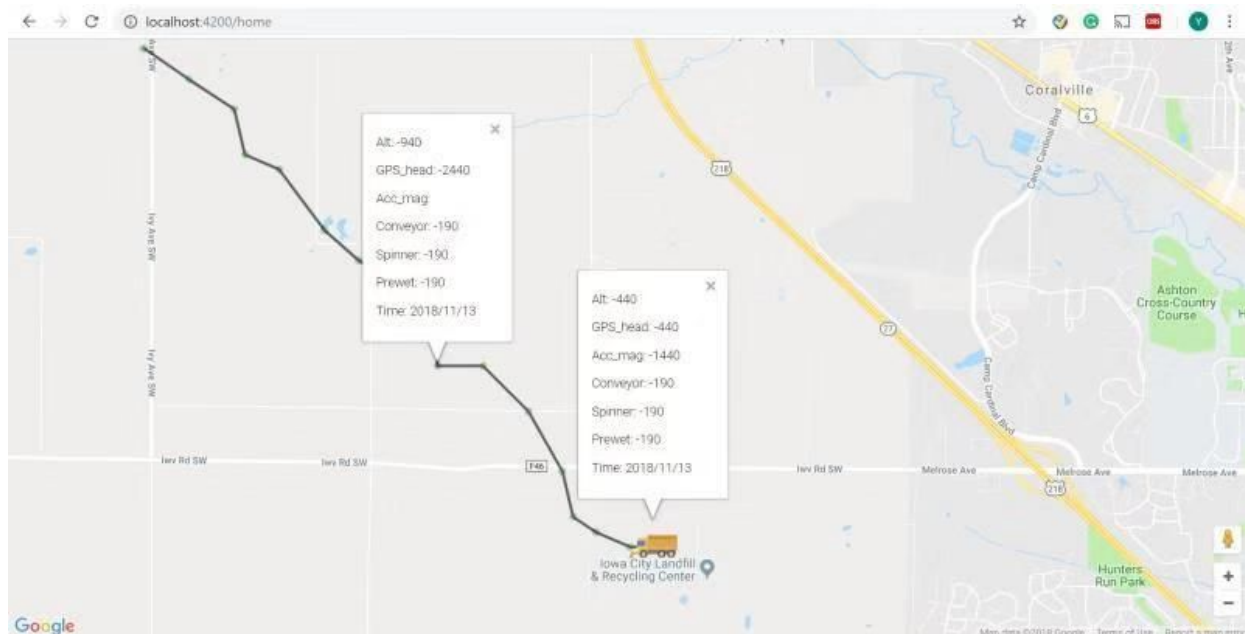 Xinhe Yang — *Web Developer; UI Designer*
 Tianhao Zhao — *Communication Leader*

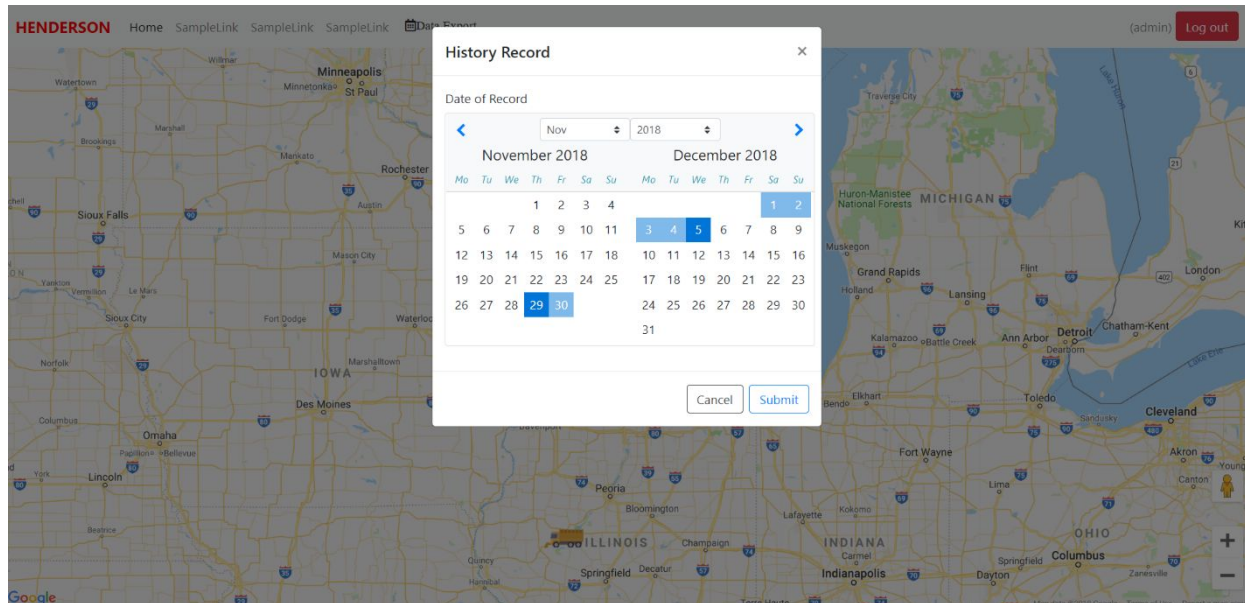**Summary of Progress this Report**

- Refine and add map features.
- Initial prototype – block of historical data for frontend display.
- Wrapping-up project and arrange all sorts of documentation, codes, etc.
- Analyze real situation and practical meaning of our project – how our products can help fleets performance.

Past Week Accomplishments
We refine the map view for users and admin group: there are historical records and date selection available on the map. Here is a example of recording trucks' data with path.

The top-right corner of the figure below shows that the user has logged in as "admin". We build a simple display of calendar that allow user to choose date to export history data.

Pending Issues

Advanced data analysis (which is related to implementing algorithms) based on raw data sent from server. We still need to discuss what kind of analysis specifically we can do to help to improve the effect map features bring. We should continue considering different scenarios to help us making decisions.

Plans for Upcoming Reporting Period

We will focus more on presentation preparation and documentation. Therefore, no huge progress will be made for the rest of the semester.

After presentation, we plan to think about:
1. What type of data need to be analyzed.
2. What algorithms could be implemented.
3. How and where to display them.
4. What is the size of storage and when to clean the cache.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Junjie Wen	Meeting, prepare final presentation	8	70
Zhanghao Wen	Weekly report, prepare final presentation	8	78
Yuhang Xie	Meeting, Research and sketch work for front end	12	78
Xinhe Yang	Meeting, prepare final presentation	8	68
Tianhao Zhao	MoM recorder, meeting with client, prepare final presentation, manage all files on cloud.	10	65

Gitlab Activity Summary
Code is committed to members' local repository.