**User Stories**

1. *Import and clean data - access data on a remote server, parse it, and translate it into a format useful for manipulation.*

As a user, I should be able to view current road construction and other driving delays in Vancouver overlaid onto a Google map.

**Note: story on how to process user’s input**

Acceptance Criteria:

* Current driving delays are displayed on a google map interface.

1. *Storage - the data should persist once uploaded. I assume that you will load your data once, or every so often on a specified interval. Once it's loaded, it should be persisted as part of your own application.*

As a user, I should automatically receive updates on the potential disruption of my route. New construction should be checked for daily.

Acceptance Criteria:

* An update is sent to the user when a disruption is detected.
* The program checks for new disruptions to routes automatically once a day.

**Note: persistence of data story**

1. *Data display - display the imported data in a tabular and a geographic format.*

As a user, I should be able to view all my routes on a Google map and see any construction displayed.

Acceptance criteria:

* Saved routes are displayed on a Google Map interface
* Types of construction blockages are displayed over the map

As a user, I should be able to view disruptions on a table.

Acceptance criteria:

* A table that lists any disruptions.

As a logged in user, I should be able to use either a drag and drop interface or use an address search to create waypoints in my route.

Acceptance criteria:

The user can select a portion of the route and move the mouse to add waypoints that the route must pass through. The program must accommodate for the extra waypoints.

* The user must be able to input addresses as waypoints in text and have the program add those locations.

1. *Social network integration - integrate with at least one social network (e.g. Facebook, Twitter, LinkedIn, etc.).*

As a user without an account, I should be able to sign up for an account using my Facebook account.

Acceptance criteria:

* The user must have an option to allow their facebook account to be used as a login for this web app instead of specifying a new password
* The account is tied to the user
* The user can specify a route they want to save to the account

As a user with an account, I will get notifications pushed to my notification centre when my route is affected.

Acceptance criteria:

* When a route is determined to be blocked, a notification is sent to the user’s Facebook notification centre (the world icon in your Facebook page)

1. *Access - Users need to login with a password and have some user-specific account data (profile, preferences, media, etc...)*

As a logged in user, I should be able to add, edit and delete multiple personalized routes on the account page.

Acceptance criteria:

* A logged in user can add multiple routes
* A logged in user can view his/her saved routes overlayed on a Google Map
* A logged in user can edit any of his/her saved routes to accommodate new paths
* A logged in user can delete any of his/her previously saved routes