Are You Safe?

Concept

- Determine your safety as a pedestrian, bicycle and/or motorcycle rider
- Determined by public incident statistics handle by the NYPD
- Determine likelihood of accident occurring to you based on data

Data

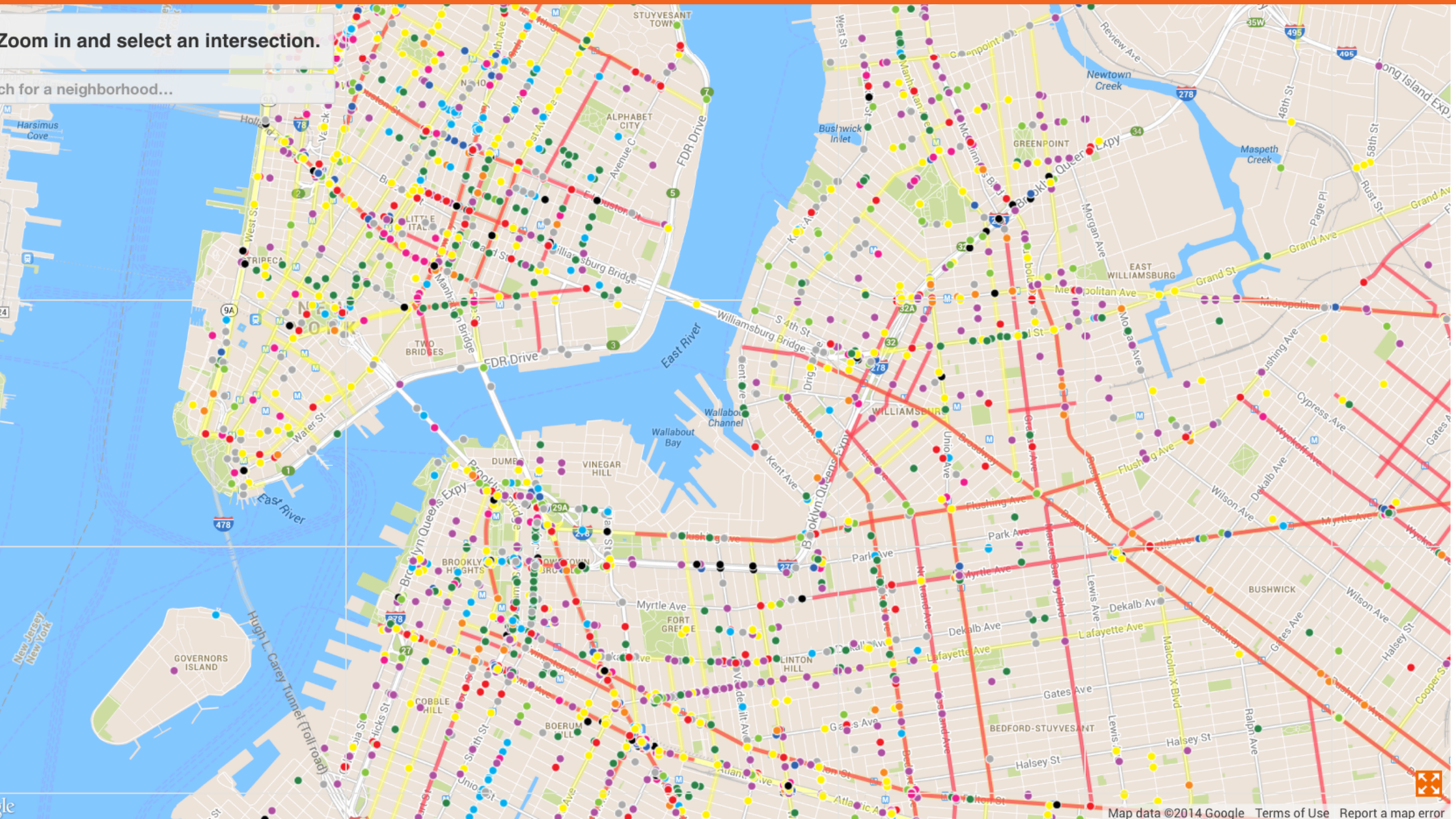
- Majority of data is mined from NYPD courtesy of Priyanka
- Data is specific to incidents occurring at particular locations
- Data includes but not limited to pedestrian crashes, bike crashes and motorcycle accidents.
- Data involves type and conditions of accidents as well as the specific location of the incident

VISION ZERO

Text-Size

Law Enforcement | Legislation | Street Design | Public Dialogue

Search



The Vision Zero map public input period concluded on July 31, 201 NYCDOT is now analyzing the ov 10,000 comments submitted and shown here for inclusion in the C Vision Zero borough safety actio plans which will be released later this year.

- Not enough time to cross
- Double parking
- Long wait to cross
- Red light running
- Jaywalking
- Poor visibility
- Speeding
- Long distance to cross
- Failure to yield to pedestrians
- Cyclist behavior

- Pedestrian crash corridors (top 10% streets in each borough)
- Pedestrian fatality (2008-12)
- Major arterial roads

Sketches

- Preliminary designs

Group Work Breakdown

- Mark Dologuin: Implementing Android application
- Priyanka Verma: Mining data and geocoding data
- Anahi Garnelo: Testing Android application and designing user interface

Implementation

- Android 4.4 platform
- Use of google maps from google play services
- Use of geolocation parsing from phone sensors
- Determining location and data according to location
- Showing information in regards to location

Timeline

- 1st Quarter - Get concepts down and determine data availability
- 2nd Quarter - Determine what can be created from said data
- 3rd Quarter - Implement Application
- 4th Quarter - Polish and add* features

Questions? or Suggestions…