Team FBJP: Francy Fu, Bill Hibner, Jim Cloud, Patrick Yu

Project: Traffic Accident Analysis near WashU

Who: Our Target Audience is Students

What: Driving, Walking, Bicycling

Where: St Louis County and the City of St Louis

When: Current year, 2017, 2016

Why: Where are the danger spots near WashU

Primary Data Source: State of Missouri STARS Reporting: https://www.mshp.dps.missouri.gov/TR15Map/Search

1. Data Visualization: Map where accidents occur by converting street name to lat / long to plot on map utilizing mySQL.

2. Project track: Dashboard with multiple charts with accident statistics including severity, location, time, year, etc.S

3. JS library: to be determined

4. Database exceeds > 100 records of traffic accident data.

5. User-driven interaction: options include severity of accident, day of week, day vs night, type, years,

6. Perspective on how data an be used:

a. Plan safer routes

b. Encourage municipality road improvements

c. Education

d. Inform public safety measures