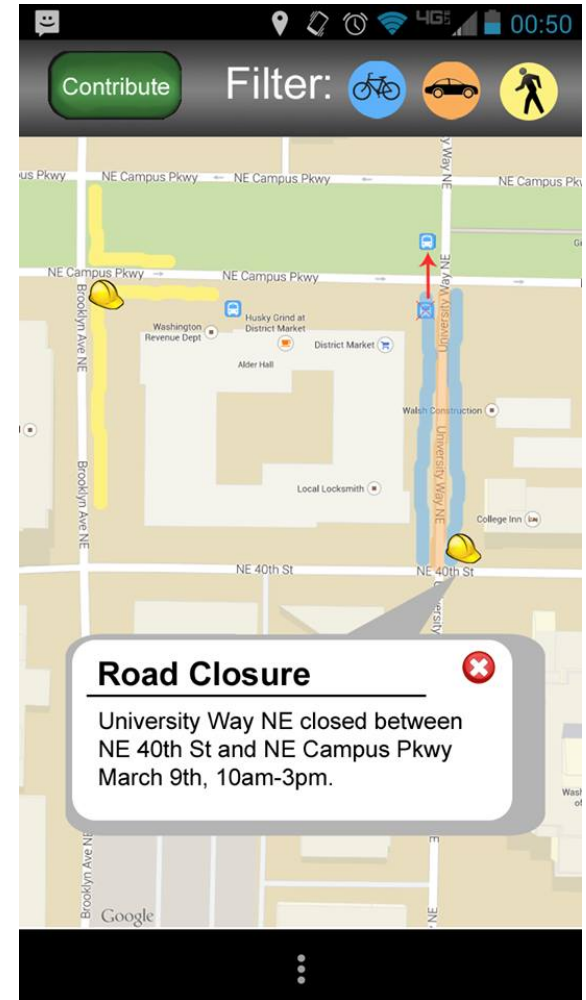


Hard Hat

Seattle Construction Mobile App

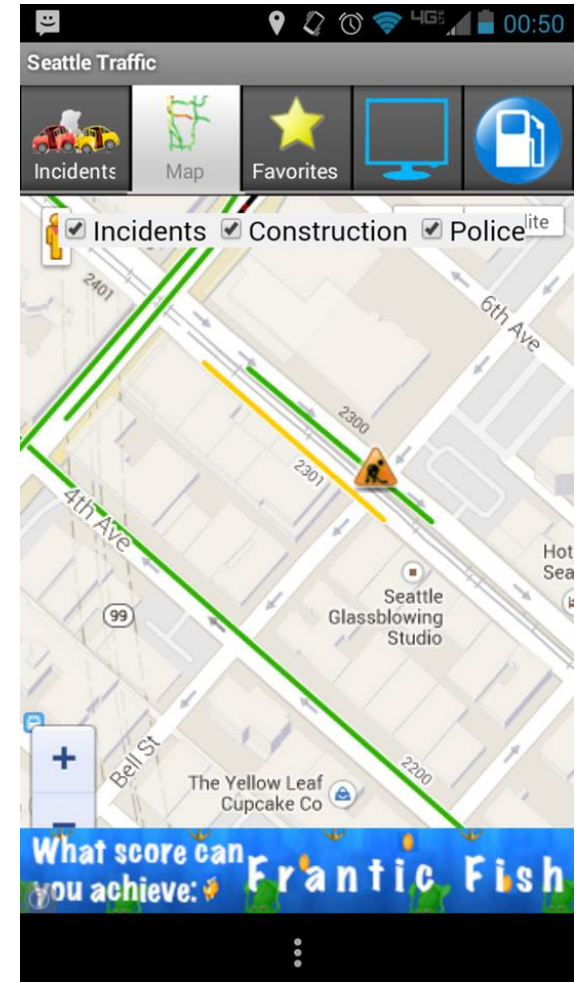
Sam Courts (src712) & Nick Parker (nnmp)

- Android app to help users safely navigate or avoid construction work in Seattle
- General google maps features
 - Google maps API
- Selectable pinpoints on map indicating city of Seattle construction sites
 - Blurbs from seattle.gov
- Users can add/remove inaccessible sidewalks, bike lanes, and roads by drawing on map
- Different colors for roads, bike lanes/paths, and sidewalks
- Filter by mode of transportation
- Update moved or closed bus stops



Competitors

- Seattle Traffic Android App
- Shows construction zones, accidents, police activity, and traffic for Seattle
- Does not allow user input
- Does not give separate information for bikers, motorists, and pedestrians



Challenges

- No experience with web/servers
- Parsing data from seattle.gov and keeping app up to date with website
- Dealing with malicious users/verifying user input
- Using Google maps API for first time

Stretch Features

- Show restricted parking
- Provide alternate routes
- View map on different dates
- Web version
- Expand to more than just Seattle