Hard Hat
Seattle Construction Mobile App
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- 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