Google maps v2.0

Implementing new features to Google maps

Survey

- To identify the usability problems with google apps
- Multi-step task was given
- Plan an itinerary for a friend who is visiting Raleigh
- N = 20
- Fill a survey with 5 questions
- [Link](#) to the survey

Survey Results

- Google Maps and search were mostly used
- Prefered Phone over Laptop
- Problems:
  - Save paths
  - Itinerary
  - Parking lots and parking space availability
  - Finding restaurants
  - Information about museums and other places
  - [Link](#) to the survey results

Solution 1 (Web application)

- Search multiple places
- Save paths:
  - Mark a searched place
  - Choose multiple places user have searched for direction

Solution 2 (Android application)

- Add markers by searching the name of the location
- Add multiple markers on the map by clicking the screen
- Search multiple paths in the map
- Show the route for different locations
- Clear the map

Solution 3 (Itinerary application)

- Android application
- Shows real paths between multiple places
- Fancy GUI

Currently working on:

- Creating itinerary of the path
- Calculate time needed to go from A to B
- Closest restaurants/places
- Places opening and closing time
- Parking availability

Future Works

- Ask the users to do the same task using our solutions
- Find out if the users think it's useful
- Categorize the features into novel/interesting/useful.
- Rate each solution
- Ask for feedback