Clickable Prototype Testing Results
Out Without Doubt (OWD)

Use Case 1
Safely Going Home at a Certain Time
As a teacher working in an area known for gang vandalism, I want to keep my students safe as well as when travelling to and from work.

Use Case 2
Go Home During an Active Shooter Situation
My school just got taken off of lockdown because an active shooter was at a neighboring building. Even though my school is off lockdown, I am still shaken up and I want to avoid the situation near me.

Use Case 3
Post an Event After Hours
As a college student stuck in the library studying into the late hours, I need to alert any other students about the homeless encampment outside.

Use Case 4
Being a Tourist on Vacation
It's the first day visiting this major city. I don't have a car and I don't know the transportation system so I will need to walk. Some locals informed me which neighborhoods to avoid, but I don't know where they are located.

Use Case 5
Patrolling the Streets
As a rookie police officer, my first task given to me is to patrol the heaviest minor felony, crime-ridden streets. I have the data, but a visual guide would benefit me much more.

Before testing, I told the testers that all buttons worked, but they would have to pretend typing into text boxes and imagine where their map was located.

Tester 1: Andrea
Mobile Device: iPhone 8+
Age: Late 40s
Use Cases: 1-4

Use Case 1
- Optional paths for most direct route

Use Case 2
- For future prototype testings: demo when you tap on the marker to show description
- Highlight safe spots on map (café, library, etc.)

Use Case 3
- Post event marker different color

Use Case 4
- Transit stops highlighted clearly

Tester 2: Angelica
Mobile Device: iPhone 10
Age: Early 40s
Use Cases: 2, 4, 5

Use Case 2
- Zoom features on map
- Demo marker box with description
- Duration it takes to get from start to finish

Use Case 4
- More information on maps: neighborhood names
- A general map that lists every marker

Use Case 5
No Suggestions

Tester 3: Derek
Mobile Device: iPhone 8
Age: Early 30s
Use Cases: 1, 4, 5

Use Cases 1, 4, 5
- Marker description
- After map showing directions, it should still be there if I want to see other features and return back to the map page.
- "Post Event": Change to Report Incident

Tester 4: Brian
Mobile Device: iPhone 4s
Age: Early 30s
Use Cases: 1, 2, 4

Use Case 1
- Show a key or change marker color by category
- Fastest route with distance and time

Use Case 2
- Active shooter marker should be bigger or blinking or different color

Use Case 4
- Same information as Use Case 1