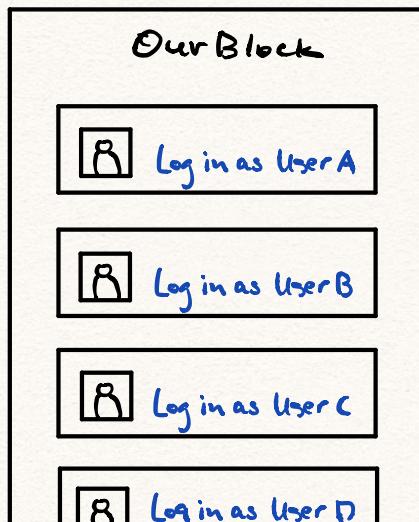


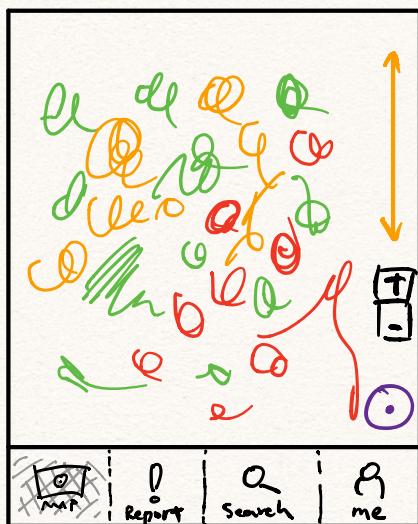
Civilian Side

Login



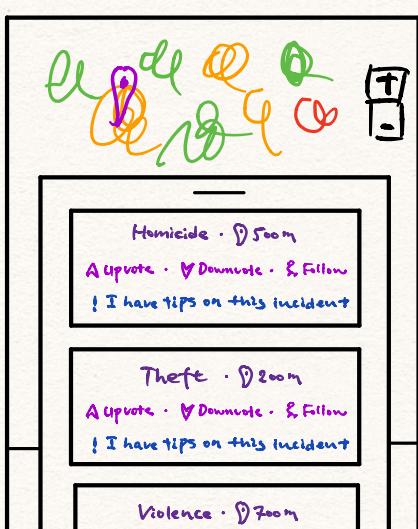
- We will hardcode three user names, handles & profile pictures for demo purposes.
- The user handle (unique) will need to be kept during the login session for reporting / community functionalities.

HeatMap



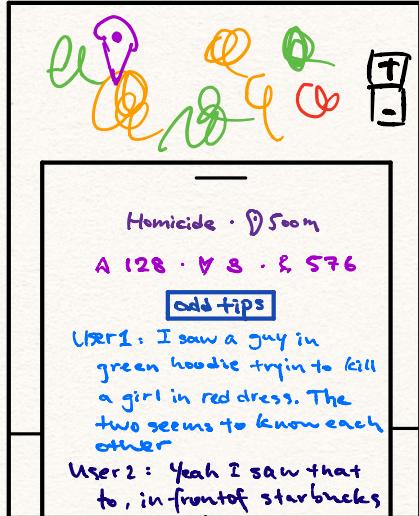
Query:

- write a function to determine radius needed from screen size.
- get data: only recent data, run with threat radius from elastic searching
- use google maps API to generate Heatmap.
- Query each time when map is used.



When click in to an area:

- List out crime data in order of crime type, time, and distance to the pin
- Server side: fetch searching endpoint, get category, distance, up/downvotes, follows, show Detail



When click on a specific incident:

- If the incident shows detail, then fetch all data for this incident and present to user.

Reporting

Report an Incident

Time of Incident

now mm:hh@mm.mm.00.yyyy

Loc

If this is urgent,
call 911 first!

Call 911 OK

Detail

map Report Search me

When clicking on Report Tab

First create a popup prompt to call 911, and by clicking 911 direct to the phone app (not a priority, we can settle for only the "OK" button)

When clicking OK

User will have the option for choosing the time & exact location for the incident. For now it will automatically take now for time and here user will then enter the detail. for loc

When Submit

Post the timestamp, lon, lat, message of the incident to /postReport. The intermediate server will determine the category/Severity of the report and upload them to blockchain + DB.

Report an Incident

Time of Incident

now mm:hh@mm.mm.00.yyyy

Share Anonymously

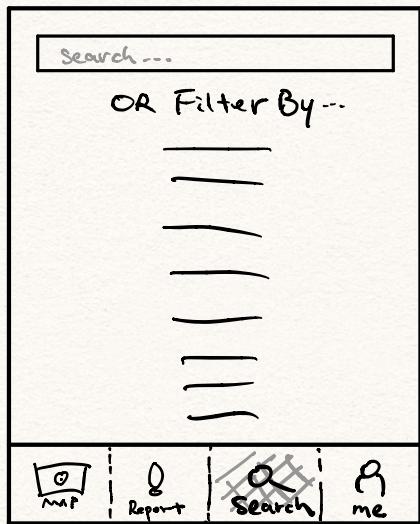
Location of Incident.

Google maps API
choose from map

Detail

map Report Search me

Searching



Initially---

Display searchbox and hardcoded filtering data.

When clicking on a filter
post /search with category push

when typing on searchbox for 5 seconds
or when finish typing

post /classify with message and insert
the top 3 categories in the suggestion
box

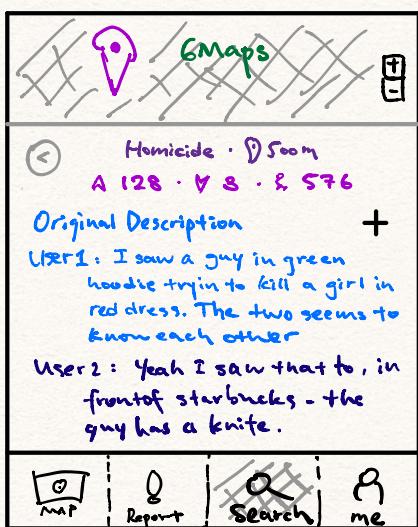
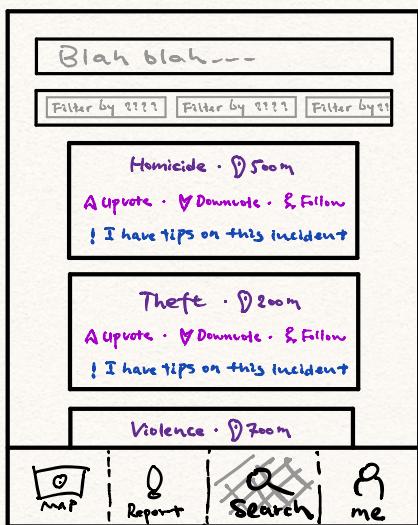
post /search with memorized category
(and other params) with real-time
message.

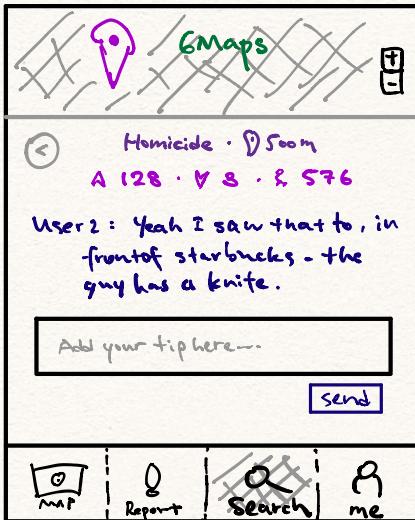
When data comes back--

- List out crime data in order of crime type, time, and distance to the pin
- Server side : fetch searching endpoint, get category, distance, up/downvotes, follows, show Detail

When click on a specific incident :

- If the incident shows detail, then fetch all data for this incident and present to user.





At the bottom of the comment body

- "add tip" text area with a send button

When click on "add tip"

- Scroll down

When click "send"

- post "/send" route, on when success, reload to include newly added comment and make a "thank you!" pop up.

Police View

20%

Our Block

Crimes by Hour

Hour	Crime Count
0	~50
6	~60
12	~70
18	~65
24	~75

Crimes by Category

Category	Count
Larceny Theft	~80
Violence	~65
Missing Person	~10
Homicide	~10

Reports from Last 7 Days

533

Status

Status	Percentage
Pending	~45%
In Progress	~30%
Solved	~15%
Public	~10%

45%

35%

Crime Feed

Homicide - 0.5km - ! 75

A 1069 - V 25 - Q 30 - S 2047

Status: Pending Privacy: Public

Original Description

User 1: I saw a guy in green hoodie trying to kill a girl in red dress. The two seems to know each other

User 2: Yeah I saw that to, front of starbucks - the guy has a knife.

Homicide - 0.5km - ! 75