

Police Booth Tracking System!!

To track the police booths near the current location of the user.



Solution:

1. User can use the app by downloading it from the repository (Play Store) which includes the registration process.
2. Initially, the app will open showing current location of user(mobile node) and an option to create a new search.
3. By entering current location in SEARCH AND FILTER option OR using LOCATOR, user can locate the nearest n Police Booths in National Highways along with the details of the Police Booth like name of the Police Booth, name of SHO and Contact details of SHO.
4. User can call/message SHO/Police Booth for whatever user's requirements might be. Thereby, a message in this way will be sent to the Police Booth regarding this.
5. One can take "emergency signal help" for emergency need which signals to the Nearest POLICE BOOTH along with users' current location which works on Indian Political division territory i.e. as state wise etc. and thus the nearest Police Booth will be tracked by the user. By using this app, user or victim can shoot video of happenings for genuine evidence.
6. "Navigator" is also provided to reach the Police Booth along Indian Traffic.

Followed Approach-

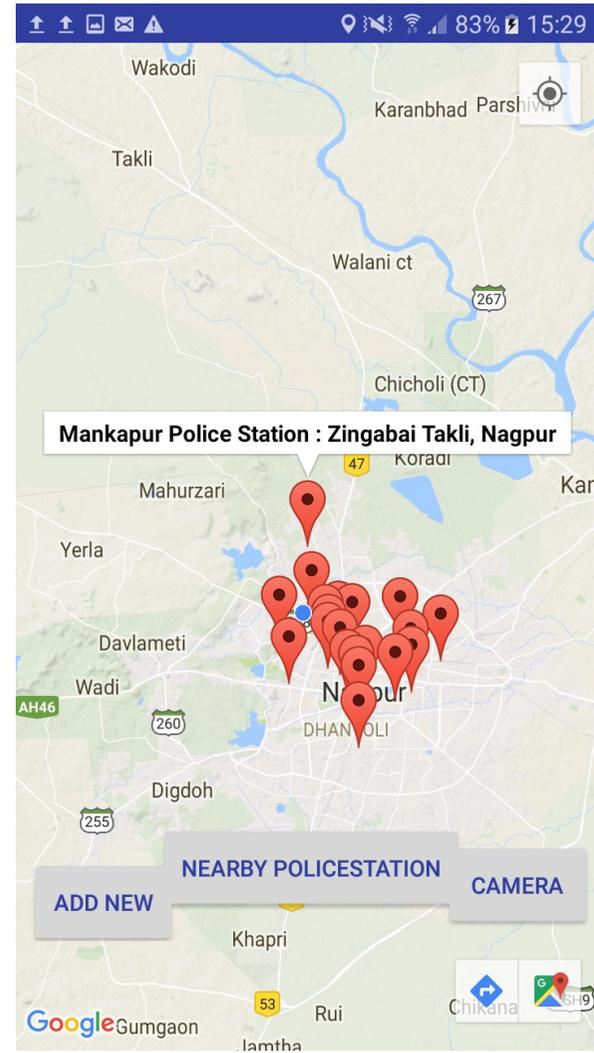
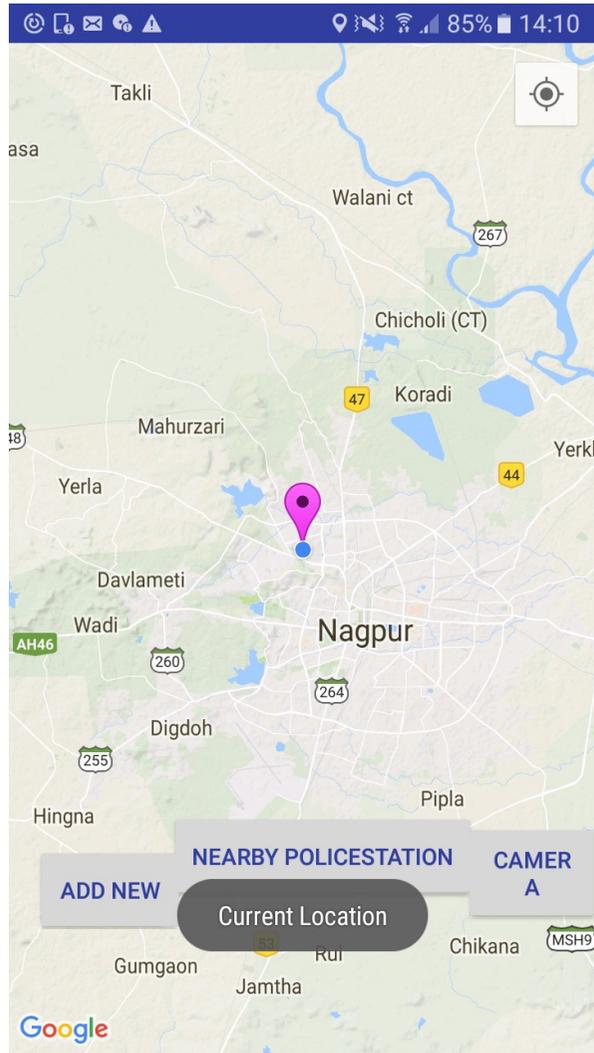
- The app is built to serve people in the following two cases:
 - I. The person who meets an emergency.
 - II. The person who is a witness to the person meeting emergency.



Firstly, the app has been designed to track the current location of its user by fetching the latitude and longitude of the location respectively.

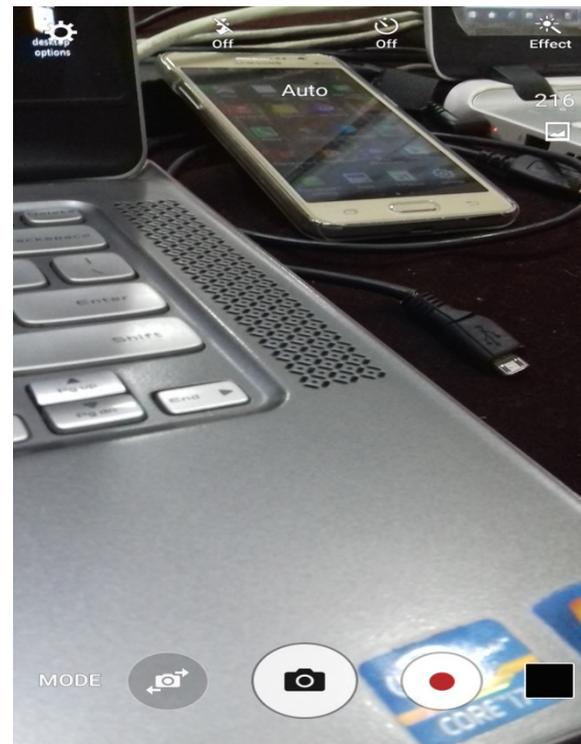
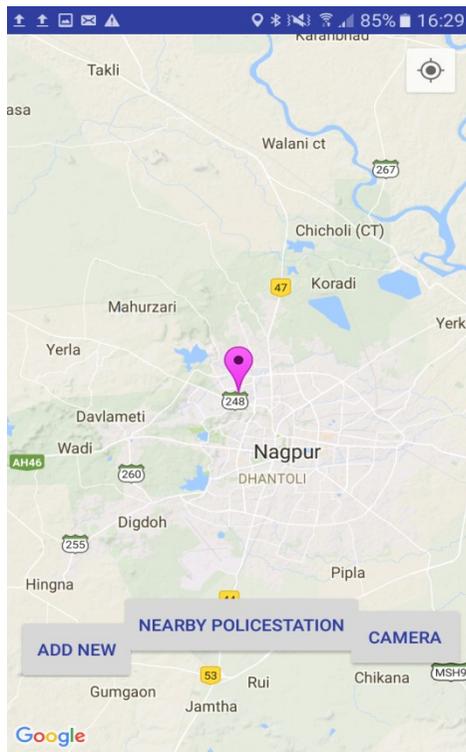
Then, the longitude and latitude of the current location is compared with those present in the database of various police booths.

Then the nearest police booths are displayed with clicking a single button.



The “Camera Feature” -

- A camera button has been added to record the ‘evidence on site ‘ at the time of need.



Future Scope:

- As we all know that in today's scenario, security is must.
- Our app will locate all the nearest n police booths and will also let the user know about the name of the police station nearest to it, its photograph, distance of the police station from our location, name of SHO, contact details of SHO, name of other police force in the nearest police station and also their contact details.
- Last but not the least, the user can also call, message, send email, shoot the video and even send the video to the SHO of the mishappenings. The user can also instruct the app by his/her voice.
- The nearest police booth will be tracked on the basis of least traffic route so that the user can reach the police booth in least possible time covering minimum distance thus.
- Our app works on user voice

Technical Feasibility-

- Our app locates the nearest police booth.
- Our app takes minimum time to perform the operations assigned like telling about the nearest police booth on the basis of the least traffic route, minimum distance from the user's current location and minimum time to reach out there and many more.

Benefits of our App-

- Frees officers from the confines of desks when they need ready access to information
- Reduces load on Resource Controllers and radio channels
- Improved preventative policing
- More effective and efficient call management and officer deployment
- Improved management of vulnerable people
- Significantly increase officer productivity leading to increased officer capacity and visibility.
- Improved data capture reducing the amount of duplicated processing effort
- Consistent, timely and comprehensive view of real-time data including people, vehicles and premise
- Improved decision making
- Improved quality of service provided to communities by the force
- Improved customer satisfaction

Revenue Plan-

- The best way to generate revenue would be to set a deal with the road and highway contractors and fix a “percentage” of the amount to be paid by the contractors in context of road and highway security which would be in context with our app.
- Another way can be to fix yearly charges for the users of the app as an insurance scheme.
- Also, the revenue can be generated by subsequent downloads of the app.