

# **Quick Action Harassment App(QAH)**

## **Abstract**

This project is aimed to perform quick actions that would help alert the authorities of any harassment and collect enough evidence for the victim. This application will be mobile based and can be activated for quick actions through any special gesture of the user's choice. This system can be used by a victim or any bystander to alert the nearby authorities in a time sensitive manner in order to ensure the best chances at catching the offender, while also collecting evidence to create a stronger case.

## **Functional Components of the Project**

Following is a list of functionalities of the system. More functionality that are found to be appropriate can be added to this list. Following three tasks can be performed with the application:

- A. **Live Location Sharing:** Upon activation, QAH shares the user's live location with designated contacts, nearest police station and nearby posted authorities, enabling swift response and assistance.
- B. **Discrete Camera Activation:** Users have the option to discreetly activate the camera function, capturing visual evidence of the harassment incident for documentation and legal purposes.
- C. **Audio Recording:** The app allows users to record audio during harassment incidents, providing additional evidence and documentation to support their case.
- D. **Alert Notifications:** sends alert notifications to the nearest police stations and transport stations based on the user's location, ensuring immediate assistance and intervention.
- E. **Filing a live complaint:** If a bystander happens to witness any incident of harassment then they can file a complaint and have the evidence of the harassment attached.
- F. **Complaint forum:** Have a community forum where such incidents can be discussed.

Accordingly, there would be following levels of user privileges:

- A. User: Consists of victim and bystander, can use all the above mentioned features. These complaints can be withdrawn only through user authentication.
- B. Police and security: Will only receive distress signals, complaints and evidence, can deploy reinforcements for quick action distress signals. The police can read and only send out notices on the forum as a form of advisory.

1. A user should be able to do the following:
  - a. Create an account with all their details filled out for the purpose of any official complaint.
  - b. Set their own special gesture for the quick action functionalities
  - c. Be able to retrieve their complaint only after user authorization.
  - d. Be able to set the recording of video/audio to manual activation or automatic activation(will be activated as a quick action functionality)
  - e. Be able to post comments and interact with comments on the complaint forum.
2. User can activate the quick action functionalities using the special gesture set and the app will send out their live location, and the recording will be activated.
3. A complaint can only be withdrawn by the user through user authentication.
4. Police shall only be able to receive distress signals and access the details and live location of the distress signal. Evidence can be accessed as official proof.