

Mini Project

5th Semester

Crime Logger

Design and Develop a website for maintaining different location's crime logs.

1. Sign up and Sign in facilities for users.
2. Each user should be able to do the following:-
 - a. Sign Up using email verification.
 - b. Should be able to share their location.
<https://developers.google.com/maps/documentation/javascript/geolocation>.
 - c. Any user can search crime logs using location, use google APIs for location.
<https://developers.google.com/maps/documentation/javascript/examples/places-autocomplete>
 - d. Registered user can submit or report a log of a crime based on location.
[NOTE:- They can search location or point it on a map].
 - e. If a new crime is logged, users who lives nearby that location should be notified and asked for vote.
 - f. Registered user should be able to confirm a crime that has been reported by some other registered user by voting. (S)He should be able to vote like **"Yes"**, **"NO"**, **"Don't know"** on a crime.
[NOTE:- If a logged crime gets more (What is more is upto you to decide.) voting as **No** then that crime should be deleted or archived and the reporter should be notified.]
3. Sign up using email verification.
User should be able to input his/her email id and get a verification code or link on email id, if the code is correct then the system should create an account for the user.
4. Should be able to share location.
User should be able to share his location and website should be able to show him/her all the crimes that have been logged around him on a google map. Also website should save his location for future notifications.
5. Any user should be able to search crime logs according to location.
The first page should have only two things one search box and one sign in/up button. **Any** (Registered/unregistered) user should be able to search based on location.
6. Registered user can submit or report a log of a crime based on location.
Registered user should be able to submit a crime log based on either his location or he should be able to enter a location where crime has happened or he should be able to point it on the map.

The image shows a web form for reporting a crime and a Google Maps interface. The form is titled 'Complaint Type' and includes fields for 'Complaint Description', 'Time Of Crime', 'Date Of Crime', and 'Crime Location'. There is also a section for 'Upload Evidence, If any' with a 'Choose file' button, a 'No file chosen' status, and an 'Upload' button. Below the form is a Google Maps interface showing a map of the Dehradun area. An 'Autocomplete search' dropdown is open, showing results for 'clem'. The results include 'Clement Town Dehradun, Uttarakhand, India', 'Clement Town Post Office Selection Board Road, Clement Town, Dehradu...', 'Clement Town Lake Clement Town, Dehradun, Uttarakhand, India', 'Clement Town Police Station Selection Board Road, Clement Town, Dehr...', and 'Clement Town Officers' Institute (CTOI) Clement Town, Dehradun, Uttar...'. The map also shows various locations like Majra, Paonta Sahib, Kalesar, Khairi, Raipur, Behat, Sansarpur, Mohand, Doiwala, Ranipokhari, and Rishikesh.

Complaint Type

Complaint Description

Time Of Crime

Date Of Crime

Crime Location

Upload Evidence, If any No file chosen

Autocomplete search

☒ All ☐ Establishments ☐ Addresses ☐ Geocodes ☐ Strict Bounds

- ☐ **Clement Town** Dehradun, Uttarakhand, India
- ☐ **Clement Town Post Office** Selection Board Road, Clement Town, Dehradu...
- ☐ **Clement Town Lake** Clement Town, Dehradun, Uttarakhand, India
- ☐ **Clement Town Police Station** Selection Board Road, Clement Town, Dehr...
- ☐ **Clement Town Officers' Institute (CTOI)** Clement Town, Dehradun, Uttar...

powered by Google

Map data ©2017 Google Terms of Use Report a map error

7. If a new crime is logged, users who live nearby that location should be notified and asked for vote.

If a new Crime is logged then the system searches for people who lives nearby that location and sends notification to all for voting on that crime.

8. Registered user should be able to confirm a crime that has been reported by some other registered user by voting.

For any crime that has been logged near registered users they get a notification and can vote if that crime has happened or not or if they are unaware about that crime, based on this they can vote either “yes”, “no”, or “don’t know”. If a crime has many votes as no than that crime will be archived and the logger will be notified.

9. General Instructions

1. Use any object oriented language for the front end and any standard DBMS for backend
2. The system should be accessible via browser.
3. For creating design use Umbrello UML or Argouml.