

NYC Danger Map

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The Link to our GitHub Repository:

https://github.com/TianZhouSunday/26Spring_CS546_Group9_Project

Introduction/Description:

Our team talked about different datasets and different approaches we wanted to take for this project and we all decided to focus on safety and helping other people new and local to the NYC area to log in and alert other people about safety issues in different parts of the city.

This will serve as a forum where all users can log in and log in different concerns and happenings within different locations in New York City. The main goal of this project is to be informative and spread awareness about different spots in the city and help the community stay alert with user friendly UI.

Our site also aims to show the frequency of the crimes in the area for different areas based on user input. This will allow for more accurate results and general areas to look out for when users are planning out their routes for their journeys.

Core Features:

1. Heat map: This feature will show the frequency of the crime incidents for different areas in NYC so that people will know in which area they should become more careful.
2. User profiles: This feature will allow users to set their icons and residency information.

3. Alarm notification: Notifications when incidents happen around your area. So you have the option to provide your address
4. Post: Users have the ability to post incidents with date and locations that can be dangerous in their areas to help people avoid risks
5. Rating: Then other users have rated the incident based on the usefulness of it. This would apply to the users also, so if your incidents are consistently rated badly it would reflect on the page.
6. Sensitivity: Ability to mark sensitivity of posts to hide potentially disturbing info or imagery. Users can opt into this feature when they create an account.
7. Report: Ability to report users to prevent invalid/false reports. Reporting posts if not valid/useful ones. If a post receives 20 or more reports from different users for the same reason, it will be automatically hidden from the public feed.
8. Block: Allow people to block users that always post useless information or bad posts.
9. Filter: Filtering posts only relevant to current location, or location you input.
10. Incident Comments: Users can leave comments under each incident post to discuss or provide more context. Comments can help validate or elaborate on the reported information.
11. Incident Ratings: Users can rate each incident based on usefulness. Ratings will be used to highlight more valuable reports and down-rank less helpful ones. Consistently low-rated user submissions may reflect on their profile.

Extra Features

1. Wanted criminal feature: People can report wanted criminals and read from a database for known criminals in the area as well
2. Anonymous report: Ability to appear as an anonymous commenter while still logged into your account (IE. fear of safety)
3. Archive: All posts that are a week or older get archived to allow room for new reports to be made.

4. Star Contributor: If a user posts a lot of different helpful pieces of information they can get
5. College Blue Lights: Allowing users if they are on a college campus to see where their college campus blue light systems are.
6. Better Route: Allow users to see streets to avoid based on the frequency of reports of crime