SafeCity Design Document

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1 OVERVIEW

There is security in information. People can avoid danger and authorities can better combat it if key information is known. The police departments of most major American cities are continuously releasing vast amounts of crime data in hopes that people will use it to be better informed, but the average person does not gain insight from such raw and disorganized data dumps. SafeCity is a website which will bridge this knowledge gap by clearly and comprehensively displaying information about crimes in the US as they happen.

There have been multiple attempts at a tool like this, but none have managed to achieve the two attributes we think will differentiate our product: clear design and comprehensive information. CrimeMapping has sparse data, almost exclusively in Los Angeles (there are two crimes in the last month in New York). CrimeReports covers many cities, but the vast majority of crimes it reports are sexual assaults. SpotCrime has passable density over a fair number of cities, but the user can only see the crimes within a circle of a few miles in radius around a reference point, and zooming out does not display any more information.

SafeCity will be different from all these attempts in that it will display a large amount carefully curated crimes in an intuitive way according to type and time.This is a viable place for us to add value because the current resources are irresponsible about data completeness and careless with their user interfaces. Our vision will enable users to get much more meaningful insights than they would on any of these other websites.

2 Requirements and Target Audiences

3 Functionality

4 Design

4.1 Requirements and Target Audiences

4.1.1 Functionality

5 Timeline

5.1 Requirements and Target Audiences

5.1.1 Functionality

6 Risks and Outcomes

6.1 Requirements and Target Audiences

6.1.1 Functionality