

Introduction

We envision a website, Cincy Crime Reporting (we can change this name to anything), that allows residents and non-residents of Cincinnati to view crime statistics and trends of any neighborhood in the city.

Positioning

Business Opportunity

Currently there is no available system to be able to get detailed crime data directly from the source of the Cincinnati Police Department that is organized in a way that is easy to understand and visualize. No system available today can take data and organize in a way specific to each user. There is a marketplace within users who already live in the city and are curious about their own neighborhoods crime activity. There is also a market with non-residents of Cincinnati that may be interested in moving into the city. They can leverage this system to evaluate crime activity in potential neighborhoods they would live in.

Problem Statement

Residents of Cincinnati currently have no way to be able to easily view crime statistics in their own neighborhood as well as surrounding neighborhoods. Non-Residents interested in moving into the city also have no way to scout potential neighborhoods where they might purchase property or decide to live. This potentially causes a loss in home sales due to bad word of mouth or false perceptions of neighborhoods.

Product Position Statement

Cincy Crime Reporting is designed with residents and non-residents of Cincinnati in mind. The website is also able to be used by Cincinnati Police department. It is robust enough to formulate data trends based upon real data from the Cincinnati Police Department. It can also show users a breakdown of crime by neighborhood or the type of crime committed. There is currently no website on the market that has this type of capability for the City of Cincinnati.

Alternatives and Competition

Currently there is no competition in the City of Cincinnati.

Stakeholder Descriptions

Stakeholder Summary

Name	Represents	Role
Mark Frye	Project Team	Specification Requirements, Development
Alex Krebiehl	Project Team	Specification Requirements, Development
Khalid Alsuwaiyel	Project Team	Specification Requirements, Development

User Summary

<u>Name</u>	<u>Description</u>	<u>Responsibilities</u>
James Walden	End User	Search for crime statistics
John Doe	Law enforcement official	Maintain website data and enter new crime data as it is reported

Key High-Level Goals and Problems of the Stakeholders

<u>High Level Goal</u>	<u>Priority</u>	<u>Problems and Concerns</u>	<u>Current Solutions</u>
Quick way to enter new crime data	High	Error handling could potentially lead to data cleanup requirements	None
Easy way to sort crime data by neighborhood	High	Reduced speed as more data exists	None
Easy way to sort crime by incident type	High	Reduced speed as more data exists	None

User Level Goals

The users(and external systems) need a system to fulfill these goals:

- *Cincinnati resident*: search crime by neighborhood, search crime by incident type
- *Non-Resident*: search crime by neighborhood, search crime by incident type
- *Law enforcement*: enter new crime data into site; search crime by neighborhood, search crime by incident type
- *System administrator*: manage user accounts, manage data tables, manage security

Product Overview

Product Perspective

Cincy Crime Reporting will be a web based app that is available internally to law enforcement officials as well as users in the general public. This website will allow for users to get crime data to make possible residential decisions. The site will also allow for law enforcement to make staffing and patrol decisions based upon data trends within the city.

Summary of Benefits

<u>Supporting Features</u>	<u>Stakeholder Benefit</u>
Searchable crime data by neighborhood.	Users have ability to search for data categorized by neighborhood
Ability to generate graphed data of crime statistics by neighborhood or incident.	Gives end user ability to search for specific data/trends. Gives law enforcement officials detailed data trends to make decisions around staffing.
Ability for law enforcement to enter new crime data	Keeps content and data within website accurate and up to date

Assumptions and Dependencies

- Data used will be from OpenCincyData.com
- Users will register before using system

Summary of System Features

- crime tracking by neighborhood
- crime tracking by incident type
- data trends per neighborhood
- data trends per incident type
- SQL database used for quick accurate searching