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VISION

Revision History

Version	Date	Description	Author
Inception Draft	9/6/14	First Draft. Will be refined throughout elaboration.	Kristina Wegener
1st Revision	9/9/14	After 9/8/14 Meeting with Dr. Walden (Client), project direction change.	Kristina Wegener
2nd Revision	9/13/2014	After 9/10/14 Meeting with Client, some changes were requested	Kristina Wegener, Ali Jaouhari
3rd Revision	10/6/2014	Revision after First Iteration presentation, 10/11/2014	Kristina Wegener
4th Revision	11/23/2014	Revised before Third and Final iteration	Kristina Wegener

Introduction

We will be creating a web-based system that allows users to view open source data from the Open Source Cincy project. We are specifically focusing on City of Cincinnati Service Requests, Vacant Building Registrations and Neighborhood Information, including area.

Positioning

Business Opportunity

This information is open source but it is available only in a .csv or .xlsx file, which prohibits many citizens from fully conceptualizing and mapping the data.

Problem Statement

Many groups and private citizens would like to have this information available to them but lack the ability to create a program which will allow them to view this data in a manner that provides a quick visual overview. By providing a mapping feature, users can easily see which vacant buildings are located near a particular address or how many service requests were entered for a location. The mapping feature will provide a visual overview that the .csv and excel files lack.

Product Position Statement

This product will fill a niche need for private citizens and small organizations who would like to analyze the Service Request Records and Vacant Building Records for the City of Cincinnati. This project will offer visitors the ability to filter and map data and view statistics by neighborhood, such as percent of overall Service Requests from that neighborhood, number of addresses with repeat requests, breakdown of type of requests from the neighborhood, number of vacant properties in the neighborhood and reason for vacancy by percentage of overall.

Alternatives and Competition

Raw .xlsx and .csv spreadsheets available from the Open Data Cincy project.

Stakeholder Descriptions

Market Demographics

Our general market will be citizens or potential citizens from the city of Cincinnati however any person who would like to view this information will have access to the site.

Stakeholder (Non-User) Summary

Those who do not use the site will not have a direct benefit from the information, but they will have the benefit in a more informed general populace.

User Summary

Users will be primarily the citizens and potential citizens of Cincinnati who wish to be more informed about their neighborhood or potential neighborhood.

Key High-Level Goals and Problems of the Stakeholders

High-Level Goal	Priority	Problems and Concerns	Current Solutions
Information must be available within 5 seconds, 80% of the time and within 10 seconds, 99% of the time.	High	Amount of data may be too much to process in this time frame.	Unk.
Information must be accurate	Very High	Information in Open Data Cincy is not	Focus on Data Scrubbing

User Level Goals

Users need a system to fulfill these goals:

Visitors: Visualization of Cincinnati Neighborhoods, Service and Vacant Building Statistics for these Neighborhoods for comparison.
Fast access of data.

User Environment

Users have a variety of sites to choose from and also the original data source on Open Data Cincy.

Product Overview

Product Perspective
This site will give users, specifically the citizens and perspective citizens of Cincinnati, the ability to view Vacant Property Records and

Summary of Benefits

Supporting Feature	Stakeholder Benefit
Data Export	After data has been filtered, users can export only the filtered information.
Mapping of Addresses of lists of Requests and Vacant Buildings	Provides an overall density map of the addresses with records.

Assumptions and Dependencies

We will assume all data from Open Data Cincy is accurate as provided to us.

Cost and Pricing

Free!

Licensing and Installation

N/A

Summary of System Features

- Web-Based, Anywhere Access of Service Request Records for all Users

Other Requirements and Constraints

Data used is from Open Data Cincy. All errors, omissions and inaccuracies will stem from the quality of their data.