From:   
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Subject:   
Mobile Map of Chipmunk Infestations in La Crosse County

Date:June 5, 2xxx

# Audience

Home Seekers, Property Owners, Realtors, and Insurance Companies

# Intention

To create a tool that allows property owners to upload chipmunk damage and infestation sightings to an online database. The database will be visualized to search for chipmunk infestation patterns throughout the county and allow for easy retrieval of the types of damage caused. The tool will also allow property owners and concerned citizens to upload photos of the damage and a brief description. The goal is to help property owners, realtors, and insurance companies better determine where chipmunk infestation is likely to occur. (Hopefully it helps local chipmunk hunters trap these mayhem makers!)

# Geographic Extent

La Crosse County, Wisconsin

# Deliverables

The final product will be a web-based, responsive map that works on mobile devices and allows for people to upload their own data. It will be HTML5 compatible and work on all modern smart devices.

# Budget

160 hours of planning and development, debugging, and user testing.

# Technology & Extraneous Costs

The data used will be open source and free. There are no hidden costs, aside from securing the [www.catchchippy.org](http://www.catchchippy.org) domain and paying a website hosting fee.

I will need to brush up on my chipmunk species categorization by attending a local workshop at the Caddyshack Institute. This will cost $500.

# Product Development & Delivery

The product will be created on GitHub as a repository, but it will be hosted on my public website, [www.catchchippy.org](http://www.catchchippy.org).

# Timeline

## Week 1

* Wireframes designed, debated, user tested on my cousins, and decided upon for final design
* Chipmunk themed web map tileset created using Mapbox Studio.
* Leaflet map created with default controls and tileset loaded.

## Week 2

* Server-side database created for user input
* Debugging

## Week 3

* Interface tools created on Leaflet map to allow for uploading data
* Debugging

## Week 4

* Aesthetic enhancements to the user interface
* Cosmetic and database enhancements

## Week 5

* More user testing
* Field testing

## Week 6

* Submit Demo and Executive Summary

Last Updated: 6/7/2xxx