

Sprint 2: Lanternfly Spotter

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Background

Since the invasion of the spotted lanternfly has become a significant concern in the Pittsburgh area, we propose the development of the Pittsburgh Spotted Lanternfly Reporting Platform – a web-based initiative that empowers residents to actively participate in the identification and tracking of spotted lanternfly sightings. Users can...

- Update a map that shows where lanternflies are most prominent by pinpointing the exact location where they've seen or killed a lanternfly.
- Encourage friendly and fun competitions with a leaderboard of lanternfly kills.
- Utilize the discussion board to talk to other users.

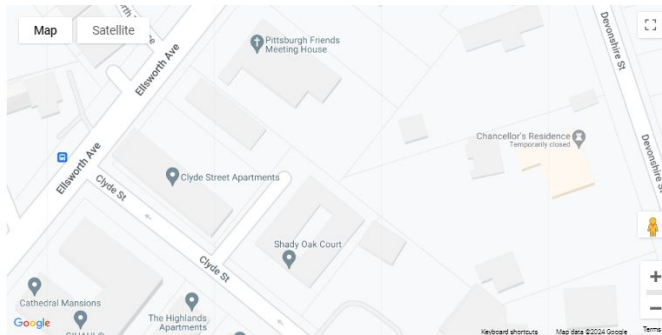


Last time...

LanternFly Spotter

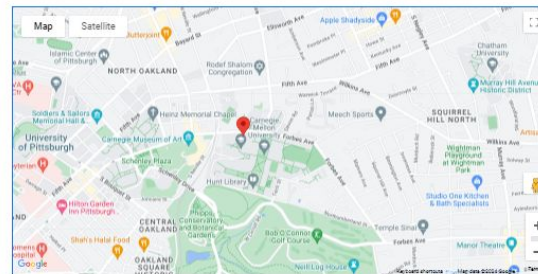
LanternFly Spotter

My Google Maps Demo



add report

Report Spotting:



How many lanternflies did you see? (estimate is okay!)

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How many did you kill?

How many dying trees do you see around the area?

[illegible]

Submit

Original Goals

- Allow user to click on map to indicate where they have seen or killed lanternflies
- Allow the user to see their personal lanternfly reports through a heat map
- Integrate the discussion board, follow and unfollow features.

Completed Goals + Problems Encountered

- Map click & Add Report to database
 - Tiffany
 - Had difficulties in processing the lat and long data from Django to Javascript
 - Visualizing images by using the id of the spotting object instead of user.
- Heat Map
 - Maggie
 - For the user to visualize the places they've reported
 - Also had difficulties in processing the lat and long data from Django to Javascript
 - Had some troubles with data wrangling
- Discussion Board
 - Maggie
 - Figured out how to link pages together
 - Created follow/unfollow, posting, and commenting features

Demo

Goals for next sprint

For the next sprint, we are looking to complete the following:

1. Visualize a global heat map, combining the reports of all users and display that on the homepage.
2. Refine implementation of leader board that displays the users of the highest kill counts.
3. Integrate OAuth
4. Improve the aesthetics of the website, formalize the header links as well as color schemes, content of error messages, and form contents.
5. Be flexible to add any new features / work on any fixes as well.