

Philly Phridges

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Description

Philly Phridges aims to address the food scarcity issues of Philadelphia. We use a Google Maps API to dynamically update a map interface, marking locations of community refrigerators in Philadelphia. We hope to make it easier for people to find places to donate and for others to find the food they need.



Features

- Interactive Google Maps API.
- CSVHelper dynamically parsing a CSV document.
- Automatically populated InfoWindow and secondary description.
- About view with alternate ways to donate and contribute.



Planning - User Stories

The primary focus was illuminating the charitable works of so many in Philadelphia. Many of the community refrigerators are not listed in Google Maps and some that are have scant information. We wanted to make an intuitive and familiar way to access all of the Phridges in Philadelphia.



Planning - Database

Our current database is a CSV file that we update as needed. We employed the CSVHelper NuGet package to parse the data and populate the infowindows and secondary information sections of the web app.



Technology Stack

- C#
- MVC
- Bootstrap
- JavaScript
- HTML



<https://phillyphridges.azurewebsites.net/>

Philly Phridges Home Privacy About



Philly Phridges

A community fridge locator for the City of Philadelphia



Click a  above to see more information



What I Learned

- How to employ and modify a Google Maps interface.
- How to use CSVHelper to dynamically parse a CSV file.



What's Next

- Add a new view that stores a form, allowing clients to submit new Phridge information.
- Rework some of the UI and Bootstrap design.
- Enhance the About page with more ways to help.

