About

Second Harvest Food Finder is a mobile application designed to connect users with nearby food banks that fit with their schedule.

Technical Documentation

Our project is structured like a standard Flask web application. Inside the app/static folder is the code for the css/js of the app. The html code is located in app/templates.

Our app backend is just one file, Calendar_stuff.py which serves a list of locations pulled from the Second Harvest Google Calendar. The token.pickle and credentials.json files relate to the second harvest user and the API key. To run the app locally, you need a python 3.7 environment with Flask and Google's python packages. To run the app navigate to the folder and type python run.py

Updating the webapp

First, navigate to pythonAnywhere.com and log in, then choose the option to open a bash terminal. In the terminal, type:

cd site

git stash
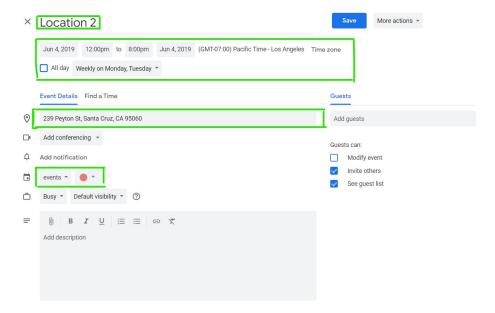
git pull

Then enter your credentials.

Making Changes to the Application

Go to the mobincube homepage [https://mobincube.com/] and log in (see MobinCube credentials below) and from the "My Apps" section select the "Second Harvest Food Bank" application. From there, there exists a great deal of changes you can make for the application including removing ads, publishing to the Apple App Store and Android Market, and editing the format of the app.

How-To Guide

Adding Food Bank Locations/Depots to the Map

The first step of this process is to log on to the official Google account for Second Harvest Food Bank (see Google credentials below) and navigate to Google Calendar. From there, choose the option to add a new event. Populate the title, location, and time fields. In the calendar drop down, switch the calendar from "Second Harvest" to "events". When finished, select the save button.

To add an event, Populate areas boxed in green

Removing Food Bank Locations/Depots to the Map

The first step of this process is to log on to the official Google account for Second Harvest Food Bank (see Google credentials below) and navigate to Google Calendar. From there search through the calendar for the next instance of the venue you are trying to remove and choose the option to delete the event and all future instances of it.