

Project Proposal - San Francisco Food Truck Challenge

Project Description/Vision

To create a web application, compatible across all devices, that provides the location of various food trucks in the San Francisco area. The information (location, names, food, and more) is provided by the city as an open data that can be used to populate the location of the food trucks on a map.

A map will be provided that allows users to view the locations of the food trucks and will provide a minimum of five (5) food trucks options based on the user's location, longitude and latitude.

Our vision is to provide a web application to our employees so they will quickly and efficiently find various food truck options before heading out to satisfy their hunger.

Problem

Making sure that the data is kept up to date. The information we show could be the minimum and users might want an option to also go to the food truck website or see what is on the menu. With so much data being uploaded it could slow down the application. In addition, the map API in which the data is loaded needs to be compatible and able to show the food truck data/features wanted.

Solution

Pull the data from the open data source, DataSF, to ensure that the data is consistent. Have someone monitor that the data does not do any changes that will break the integration with the web application. Integrate with a map API that can be styled/customized to clients liking as well as align with backend developers to make sure it seamlessly integrates. To deter possibility of load time for the map taking to long, front-end will include a `setTimeout` to ensure map will load first.

Scope

To provide an application that will allow users in San Francisco find food trucks in their area based off their location (latitude and longitude). This will allow the users to save time finding food as well as provide a great way to support local. This will be done by creating an interactive map with data pulled in from DataSF that will display all of the food trucks in the area that are available.

Other

- Payment - How and when will payments be made?
- Reporting – Assign who is responsible for what (deliverables, approving any changes, support/maintenance, etc.) Who and how will deliverables be approved?
- Recourses – Who will be needed?

Approval Signatures

Project Client

Project Sponsor

Project Manager

Date

Date

Date