

Design Wireframes

🕒 Created	@Jun 21, 2020 4:49 PM
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Overview

Proposed work

Have UX team provide wireframes for all devices. Include basic functionality and a click through.

Dependencies

Dependencies

- UX to work with developers to make sure the design is feasible and there is a solid understanding of what is to come for this project in order to prevent future bugs. This is to be done before presenting the wires to the client.

Display food trucks on map

🕒 Created	@Jun 21, 2020 4:36 PM
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Overview

Problem statement

Displaying all of the food truck provided by San Francisco's food truck open dataset. This includes a visual of where each truck is located as well as a pop-up card detailing information about the food truck.

Proposed work

Dynamically pull in the data weekly/daily (TBD) to display. This can either be done by using a .csv, JSON, endpoint... TBD as well. **(For this the data will be a CSV format)**

Success criteria

- New data gets pulled in at the allocated time. This includes having new data added/removed depending on data list provided.
- User will be able to see location of trucks as well is detailed information, all pulled from the data provided.

User stories

Pull in data

- As a user I want to see the map with my location and food truck options in my area populated by the .csv. file

- As a user I want to be able to limit the amount of options I see relative to my proximity, with a minimum of five (5) always in view, based on the closest to me.

Search area

- As a user I want to also be able to search different area by dragging the map

Future work

- Share my selection with others
- Search another location in the area by either dragging the map and dropping a pin that shows the updated latitude/longitude

Related documents

Standard .csv file provided that match the requirements to incorporate with the Bing map

<https://s3-us-west-2.amazonaws.com/secure.notion-static.com/7a548ba2-64e0-465a-b9f2-a740ddcb1fba/MobileFoodFacilityPermitBING.csv>

Geolocation

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- Implement the geolocation to the existing application and make sure it is compatible
- As a user I want to be able to application to find the closest food trucks in my immediate location.
- In addition, I want to view the five (5), minimum, options closest to me.
- Lastly, based on my location and the food truck I select I would like to get directions to my selection.

Overview

Problem statement

Need a way for the application to know where the user is location when they open the application in order to get the information on the closest food trucks

Proposed work

Implement the geolocation to the existing application and make sure it is compatible

Success criteria

- Accurately pinpoint the users location
- Display the five (5) closest food trucks in relation to the user
- Provide directions from current location to truck selection

User stories

Implement geolocation

- Have the geolocation implemented in to the application and test that it is compatible

Find food trucks

- As a user, I want to be able to find the five (5) closest food trucks based on my location. I also want to get directions from my location to the truck.

Future work

- Ability to share my selection with others I may be meeting there

Documentation

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Overview

Problem statement

Have documentation so once the project is complete there is a record of what does what

Proposed work

Allocate time to have each developer document their work (setup, file structure, technologies used, any links with username/password)

Have a standard format so the documentation looks clean and easy to read

Select place to host documentation electronically

Link data to front-end

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Overview

Problem statement

Needing to show the data on the front-end for users to see

Proposed work

Have the front-end pass the data dynamically

Success criteria

- Data is viewed on the UI side

Search results based on location

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Overview

Problem statement

Display food truck search results based on location of user. 1

Proposed work

Using geolocation to display the food trucks closest in proximity, five (5) minimum. If user moves then the results get updated too. User can also drag pin drop to update/change location.

Success criteria

- Data gets updated as user opens the application or just moves around in the area.
- Based on selection either all locations are in view or a minimum of five (5)

User stories

View trucks

- As a user I want to be able to search for trucks in the San Francisco area, this is either based on my location of where I drag/drop the map pin

Update data daily

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Overview

Problem statement

Making sure the data that populates the application is up to date and what to do if there is data missing

Proposed work

Do a daily/weekly (TBD by client) pull of the data to make sure everything is up to date and there is no broken link between the endpoint providing the data.

Download data to implement in to its own data source/map

Success criteria

- Have the data pulling regularly, based on agreed upon timeline
- Have the data being dynamically pulled in/updated

User stories

Display data

- As a user I want to see the data being populated on the front-end (from the back-end)
- If there are food trucks that are new/deleted I want them to respectfully removed/added to my view

Data Error

- As a user, if there is an error with the data I want to be able to be notified the data is not up to date

Add styling across all devices

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Make sure the styling and flow is consistent across all devices.

Update location

- As a user I want the results to update around me if I am walking around

Select map API

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Overview

Problem statement

Select a map that will be used to display the food truck data **(For this it will be Bing)**

Proposed work

Work with developers to come up with one or two options that will work and also will have the ability to customize to meet the requirements of this project.

Related documents

- See [Display food trucks on map](#)

Set up environment

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Test cases

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Overview

Problem statement

Create test cases and test