TPM Task – Backlog & Work Items

EPIC / Project

> *FindMeFood* Project

Work Items:

ID	Type	Description	Size***
FMF-01	Technical Task*	Create a DB to store the list of Food Trucks and routinely update	M
FMF-02	Technical Task*	Create the API for FindMeFood	M
FMF-03	User Story**	FindMeFood Web Interface	M
FMF-04	User Story**	FindMeFood Mobile Interface	S

* can have several sub-tasks – *at developer discretion*
** technical tasks briefly defined below
*** story points or t-shirt sizing can be used (t-shirt sizing used here)

Note: Such tickets/work items are normally tracked in tools such as Azure DevOps or Jira.

ID - FMF-01
Type - Technical Task
Short Description - Create a DB to store the list of Food Trucks and routinely update

Description

To create a database schema to store the information with relation to the food trucks that are currently active within the San Francisco area:

Updated List provided: https://data.sfgov.org/Economy-and-Community/Mobile-Food-Facility-Permit/rqzj-sfat/data
Existing SODA API documentation: https://dev.socrata.com/foundry/data.sfgov.org/rqzj-sfat

A job must also be created to update the list in our database on a daily basis and consolidate the data.

Classification

Database

Size

M

Assignee

Unassigned

Attachments

Mobile_Food_Facility_Permit.csv

Acceptance Criteria

- Initial import and update import must make use of the existing API offered by Socrata Open Data API (SODA) – see documentation above
- The table must only include food trucks
- The table must only include active food trucks
- The import job must run on a daily basis, if import fails send an email to errors@findmefood.com

ID - FMF-02
Type - Technical Task
Short Description - Create the API for FindMeFood

Description

To create an API that accepts the users' geo location as input and outputs a list of closest food trucks in the area. This food truck locations should be based on the Longitude and Latitude specified in the DB table for food trucks as described in FMF-01.

Classification

Technical, API

Size

M

Assignee

Unassigned

Attachments

NA

Acceptance Criteria

- The output should show food trucks within a 150m radius of the users' location
    - If results are < than 5, enlarge the search radius until the result is >= 5
    - If results are >= 5, do not enlarge search radius
- A minimum of 5 results (food trucks) should be shown to the user at any given time
- Output should include: name, address, distance from current location, longitude and latitude and opening hours

ID - FMF-03
Type – User Story
Short Description – FindMeFood Web Interface

User Story: *As a customer I would like to be able to find a food truck close to my current location in order to buy lunch efficiently and to discover new lunch spots.*

Description
To create a web front end to display the users' current location on a map and display a minimum of 5 food trucks in the vicinity as outputted in the API described in FMF-02.

The food truck locations should be displayed in a list and mapped out on a map of San Francisco.
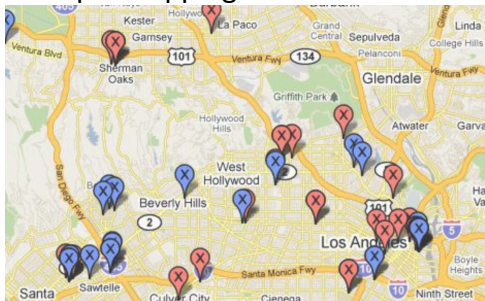
Classification
FrontEnd, Web

Size
M

Assignee
Unassigned

Attachments
Example mapping:

Prototypes: FindMeFood InVision file (fictitious)

Acceptance Criteria
- The food trucks must be mapped out on a map
- Current location should be shown on the map, based on user geo location
- The user should have an option FIND NEAR ME which returns the results (based on the API)
- The user should have the option to select a food truck and view information such as: name, address, distance from current location and opening hours
- The user should have the option to map out directions from current location to the chosen food truck
- The website should be mobile/tablet responsive

ID - FMF-03		
Sub-Tasks		
FMF-03_1	Technical Task	Setup own hosted Web server
FMF-03_2	Technical Task	Setup connection to google maps API
FMF-03_3	Technical Task	Retrieve customer/user geo location based on device
FMF-03_4	Technical Task	Implement FIND NEAR ME filter functionality
FMF-03_5	Technical Task	Create modal window when user selects option from the map
FMF-03_6	Technical Task	Implement list view (also tabular format) for customer to view all food trucks in SF not just ones in the vicinity
FMF-03_7	Technical Task	Implement *Get Directions* functionality

ID - FMF-04
Type – User Story
Short Description – FindMeFood Mobile Interface

User Story: *As a customer I would like to be able to find a food truck close to my current location via an app downloaded from Google Play or the AppStore, in order to buy lunch efficiently and to discover new lunch spots.*

Description
Make the web version of FindMeFood available on mobile with the least amount of effort (MVP).

Classification
FrontEnd, Application, Mobile

Size
S

Assignee
Unassigned

Attachments
Prototypes: MOBILE FindMeFood InVision file (fictitious)

Acceptance Criteria
- All ACs from work Item FMF-03 should be also functional
- The user should have the option to download and use the APP on mobile and tablet
- The user should have the option to download the APP on android and IOS devices
- The design should still be user friendly and responsive

ID - FMF-04		
Sub-Tasks		
FMF-04_1	Technical Task	Define & Setup tool used for wrapping into native apps
FMF-04_2	Task	Create IOS app and Publish in store
FMF-04_3	Task	Create Android app and Publish in store