Microsoft

Project Brief – *Food Truck Finder*

Value/Problem Statement

Our San Francisco team loves to eat, loves variety, and likes to discover new places to eat. We have a particular affection for food trucks. Food Trucks in San Francisco has open data. We want to make it possible to find a food truck no matter where our work takes us in the city.

Hard Requirements

1-) Create a finder (API and/or Web) that brings the result of at least five food trucks to choose from a particular latitude and longitude.

Feature Scope Assumptions (WIP - TBD)

- API Call (Get 5 Results) and/or
- Web Front-End Search (Get 5 Results)
- Good Documentation

Concept Delivery Team

	Lead	**Partner**
TPM	Douglas Anjos	
Tech Lead	TBD	
Recruiter	Karessa Ali	
Product Owner	Tito Martinez	

Timeline Driver

TBD

Funding Source/Info

TBD

Link To Supporting Documentation

GIT – Initial Requirements

Food Truck Location Dataset

CSV Dump (Latest Data)

Repo - CSV Dump (Latest Data)

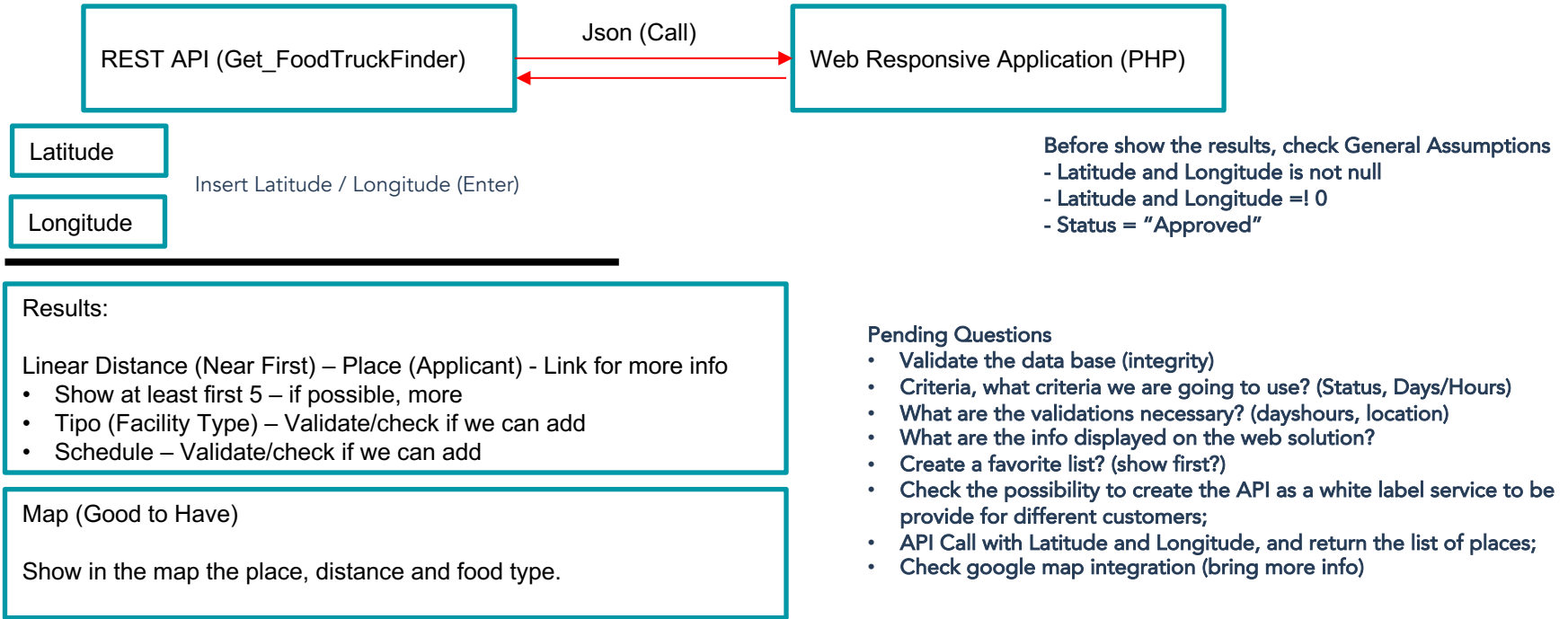| LAUNCH TARGET	FINANCIAL TARGET (RANGE)	SITES	PLATFORM(S)
TBD	TBD	TBD	JSON (API) Web (TBD)

Microsoft Project Brief – *Food Truck Finder*

Initial Proposed Solution (To be Validated)

REST API (Get_FoodTruckFinder)

Json (Call)

Web Responsive Application (PHP)

Latitude

Insert Latitude / Longitude (Enter)

Longitude

Before show the results, check General Assumptions
- Latitude and Longitude is not null
- Latitude and Longitude =! 0
- Status = "Approved"

Results:

Linear Distance (Near First) – Place (Applicant) - Link for more info
- Show at least first 5 – if possible, more
- Tipo (Facility Type) – Validate/check if we can add
- Schedule – Validate/check if we can add

Map (Good to Have)

Show in the map the place, distance and food type.

Pending Questions
- Validate the data base (integrity)
- Criteria, what criteria we are going to use? (Status, Days/Hours)
- What are the validations necessary? (dayshours, location)
- What are the info displayed on the web solution?
- Create a favorite list? (show first?)
- Check the possibility to create the API as a white label service to be provide for different customers;
- API Call with Latitude and Longitude, and return the list of places;
- Check google map integration (bring more info)

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Action Items (Backlog)

PRODUCT (DISCOVERY) - Create and Validate the Workflow with the Product Team (Define MVP, Filters, Criteria, Alternative Flows)
Create the EPICs/Stories (High Level) with the minimum requirements to estimate the effort.
Test Plan – Create and Validate the QA Plan

ESTIMATION – Define the estimates with the Tech Teams (Eng)
- Backend – API
- Front End – Web

BUDGET – Create the WBS, Release Plan, and budget to approve the project. Get approval

DEVELOPMENT – Starting on Backend start development of API's – Including QA Test and Acceptance Criteria

Front End/UI – Validate UI/UX (MVP) in parallel

Front End Development – Using the API done, integrate on the front-end web solution.

Test Plan – Execute the test plan.

Demo/Release – Schedule demo with client, and schedule the release