Summary

Trello Board Link

With more and more people being encouraged to stay home because of the current pandemic it would be helpful to have a service for those trying to stay safe at home so they can get food without putting themselves and others at risk. We would like to make a web app people can use to do just that, make an order from home and have an available delivery person bring it to them.

User Stories:

UserStories: Customer

- I want to create an order.
- I want a time estimate for delivery
- I want to be able to edit my order
- I want to make an an account
- I want to rate restaurant/food
- I want to rate delivery
- I want to be able to tip

UserStories: Deliverer

- I want to be able to receive pickup orders near my location
- I want to see the route on google maps
- I want to send info to customer if something comes up

UserStories: Restaurant owner

- I want to add info about the restaurant
- I want to have a menu people can order from
- I want to be able to receive orders

Use cases

Use Case	Customer Order Placement
Actor	Customer
Basic Flow	Customer goes to the main landing page, logs in to their account, selects from a list of caterers in range of their current location that are accepting orders, selects their desired items, and confirms the order. Upon acceptance, customer can review the order details and leave feedback.

Preconditions	1. Customer must have an account. 2. Customer's location must be verified. 3. The caterer location must be valid and accepting orders.
Postconditions	1. Delivery request has been placed in the system 2. Tracking estimate provided (?) 3. Order details have been updated.

Use Case	Caterer Account Creation
Actor	Caterer
Basic Flow	Caterer creates an account, inputs basic business information (location, menu options, accepting status, etc.), creates catering options based on system template.
Preconditions	1. Caterer has a valid location 2. Caterer has a list of menu items to offer
Postconditions	1. Caterer account created

Use Case	Caterer Order Acceptance
Actor	Caterer
Basic Flow	Caterer logs into their account, sees pending orders from customers. If the order is able to be fulfilled, the caterer confirms it. Otherwise, it is rejected and the customer notified. After acceptance, delivery is dispatched and details and feedback are available after completion.
Preconditions	1. Caterer has a valid account 2. Caterer has valid menu items and is accepting orders 3. Customer has requested an order with the caterer
Postconditions	1. Order has been placed. 2. Order details / tracking have been updated 3. Customer feedback has been left

Business Requirements

BR1: Customer Account Registration/Login: A customer should have the ability to create an account and log into the system.

BR2: Customer Order Creation: The customer should be able to create a catering list of desired items for delivery.

BR3: Customer Order Preferences: The customer should be able to customize their preferred caterers and delivery range (with optional outside range delivery)

BR4: Caterer Delivery Preferences: Particular caterer accounts should have the ability to approve or decline orders

BR5: Order History Tracking: Both customers and caterers can view and track previous orders they've made in the system.

BR6: Caterer Offerings Input: Caterers should have a standardized way of inputting their menu / additional customer offerings.

(?) BR7: Caterer Order Templates: Caterers can create default / recommended order templates that customers can use to create and place their orders.

(?) BR8: Order Confirmation System: Orders in the system can be marked as approved/rejected by vendors and delivered by customers.

Third Party API(s)

Google Maps API:
https://cloud.google.com/blog/products/maps-platform/how-calculate-distances-map-maps-javascript-api