

Requirements Analysis

Group 16

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Use Case: Customers can Search for Food Trucks Locations

Primary Actor: Customer

Stakeholders and Interests:

Customer: wants to find a food truck

Foodtruck: wants more customers to know about their business and be able to find and order from them.

FoodTruck'd: wants customers to feel satisfied with their ability to find food trucks near them.

Preconditions:

The customer has a stable internet connection, has downloaded our app and is logged into their account. The customer has also shared their location with us.

Success guarantee:

The customer has found the location of the FoodTruck they were looking for

Main success scenario:

The customer clicks on the Map section of the app. They then can see their location on the map and a small surrounding area. Any FoodTrucks within the surrounding area are displayed and are clickable. There is also a search bar displayed that the user can click on. The user clicks on the search bar and can start typing inside of it. The customer then starts typing the name of the FoodTruck they are looking for. While the customer is typing, autosuggestions pop up that match what the user is typing, which the user can click to search if they wish. The user finishes typing the name of the FoodTruck and clicks enter. The correct FoodTruck is displayed as the top search result which the user can then click on. The user clicks the FoodTruck that they searched for and is given the location of it, as well as other information.

Extensions:

1. FoodTruck customer is looking for is not within our system
 - a. The error message no results found is displayed
 - b. Suggestions for FoodTrucks with similar names are also provided
2. Multiple Trucks match the name searched
 - a. They are displayed to the customer in order of how close they are to the customers location.

Special Requirements:

1. Results should display within 5 seconds of the user entering the name
2. The truck's location should be updated every minute based on its movement.

Technology and Data Variation list:

- A modern smartphone/computer/tablet

- Search is entered by keyboard or by touch screen keyboard

Frequency of Occurrence:

Fairly frequent, as this is one of our core features that we expect users to do the most.

Use Case: Searchable list of truck schedules

Primary Actor: Customer

Stakeholders and Interests:

Customer: wants to find a food trucks schedule

Foodtruck: wants more customers to know about their business and be able to find and order from them wherever they are throughout the day/

FoodTruck'd: wants customers to feel satisfied with their ability to know the schedules of the food trucks they are interested in..

Preconditions:

The customer has a stable internet connection, has downloaded our app and is logged into their account..

Success guarantee:

The customer has found a detailed schedule of the FoodTruck they were looking for

Main success scenario:

The customer clicks on the Trucks section of the app, where they then click a button that says view schedule. A list of trucks in the area are then shown to the user, and the list is searchable. The User will search for the Truck they are looking for. That truck will then be displayed and the user can click on it. Then this truck's full schedule will be given that will show the locations of the truck throughout each day of the week.

Extensions:

1. We do not have the desired trucks information
 - a. If the truck is one that has partnered with us but they have not shared their schedule with us, we will let the user know we do not have the truck's schedule, but we will provide a clickable link to the truck's current location.
 - b. If the truck is not in our system at all we will inform the user that we do not know of this truck, and display no results found.
2. There are several trucks in the users area that are part of a chain
 - a. All of the matching trucks in the user's area schedules will be displayed

Special Requirements:

1. Trucks schedules should be displayed in a uniform and readable format.
2. Schedule results should be displayed within 5 seconds of the users search.

Technology and Data Variation list:

- A modern smartphone/computer/tablet

- Search is entered by keyboard or by touch screen keyboard

Frequency of Occurrence:

Fairly frequent, as this is one of our core features that we expect users to do the most.

Use Case: Allowing Customers to Create User Accounts

Primary Actor: Customer

Stakeholders and Interests:

Customer: wants to be able to make an account with our company

FoodTruck'd: wants customers to be able to make an account for repeat usage and so they can track reward points to encourage repeat purchases.

Preconditions:

The customer has a stable internet connection, and has downloaded our app

Success guarantee:

The customer has successfully made an account with us where they have a unique identifier and they can log into this account in the future.

Main success scenario:

The customer clicks on the sign in button, and then clicks a button that says "Don't have an account, click here to register now". The user will then be prompted to enter an email, a username, and a password. Upon entering this information the user will then be sent a verification email to the address provided, and after clicking that verification link they will be redirected to the home screen where they are signed in and their personal information is displayed.

Extensions:

1. The user enters a password that we deem as insecure
 - a. We will mark the password box as red and send a message to the user saying that their password was invalid. We will also display the requirements we have for our passwords.
2. The email entered is already associated with another account.
 - a. We will notify the user of this, asking them if they forgot their password or to use another email address.
3. The verification email was never delivered.
 - a. We will provide a button to resend the email verification.

Special Requirements:

- The user's password should be at least 8 characters long, including at least 1 number and 1 special character.
- The email verification should be sent within 1 minute of the user requesting it.

Technology and Data Variation list:

- A modern smartphone/computer/tablet
- Information is entered by keyboard or by touch screen keyboard

Frequency of Occurrence:

Not very frequent, as we expect most of our users to do this only once.

Use Case: Allowing customers to gather rewards points from their orders

Primary Actor: Customer

Stakeholders and Interests:

Customer: wants to be able to earn rewards points that can be exchanged for free food on future orders

FoodTruck'd: wants customers to be able to earn reward points to encourage repeat purchases.

Preconditions:

The customer has a stable internet connection, has downloaded our app, and is signed in to their account and has just completed an order.

Success guarantee:

The customer rewards points correctly updates their new rewards point balance based on a percentage of their purchase. This reward points balance can be exchanged for free food items in the future.

Main success scenario:

After the customer's order is completed, they will receive a pop up message saying you earned x amount of rewards points. That reward points amount is equal to a percentage of their order subtotal. On future orders, while ordering from the menu there will be a "Use Rewards Balance" button. The user can click on this and will be shown their current balance, as well as the menu of the truck they are ordering from but instead of the price in dollars, the price in rewards points will be listed. The user can add items to their cart using their reward balance if their balance exceeds the item's price, and adding the item to their cart should correctly update their balance.

Extensions:

1. The rewards points are not correctly updated based on the advertised percentage of the users order
 - a. We will allow the user to submit a complaint about this where a human will look at the order and rewards points given, and if it was indeed incorrect the correct amount of points will be given as well as a promo code for their trouble
2. The user wants to add an item using rewards points but has an insufficient balance
 - a. The user will be given a message saying that they have insufficient points for that item. If they have enough points for other items those items will show up as suggested items they could add instead.
3. The user added an item to their cart using their rewards balance but has changed their mind and takes that item out of their cart.
 - a. The rewards points used for that item should be automatically given back to the user, and their balance should be correctly reupdated.

Special Requirements:

1. The rewards points given should be equal to 5 percent of the users subtotal on their order.
2. Rewards points balance should be within 10 seconds of the user's order.
3. Complaints about invalid reward points should be handled within 4 hours of the user's complaint being issued.

Technology and Data Variation list:

- A modern smartphone/computer/tablet

Frequency of Occurrence:

This should happen quite frequently as this is expected to happen every time a user places an order with our app.

Use Case: Allowing food trucks to have special 'cash back' deals

Primary Actor: Food Truck Partner

Stakeholders and Interests:

Food Truck Partners: Want to promote their business by having special cash back promotions where they can offer customers a percent of their money back when ordering from their truck

Customer: wants to be able to get good deals on food by saving some money on their order

FoodTruck'd: wants customers to feel satisfied with the deals they are getting through our app.

Preconditions:

The customer has a stable internet connection, and has downloaded our app, and our partnered FoodTruck has downloaded the Partner version of our app and have signed into their corporate account.

Success guarantee:

The FoodTruck has been able to post a cash-back deal that is visible and redeemable by customers in their area.

Main success scenario:

Our FoodTruck partner opens up their version of our app / website and clicks the promotions button which will take them to the promotions section. In this section there will be an option for cash-back promotions which the corporate client will click on. They will be prompted to enter a message for the deal if they wish, and the percentage of cash-back they will give. After posting this promotion, customers will see this promotion appear on their app and customers who have this truck "favorited" will be given a push notification about this promotion. This promotion is then redeemable by the customer where they will be refunded whatever percentage of cashback the corporate client entered for the promotion after their purchase.

Extensions:

1. The customer is not given the correct amount of cash back

- a. The customer will be given an option to send a complaint about this, which will be reviewed by a human employee who will review and fix the issue
2. The truck has changed their mind about doing the promotion
 - a. They will be given the option to end the promotion, removing it from customers' apps and the customer will no longer be able to use that promotion.

Special Requirements:

- Cash back should be given within 2 hrs of the user placing the order
- Food Trucks promotions should appear for consumers within 10 minutes of them requesting them

Technology and Data Variation list:

- A modern smartphone/computer/tablet

Frequency of Occurrence:

Fairly frequent, as we expect many trucks to pursue an option like this to attempt to bring more customers to their truck

Use Case: Generating Coupon Codes

Primary Actor: Corporate Customer (Food Truck Companies)

Stakeholders & Interests:

Corporate Customers – want a reliable way to support coupon codes.

Regular Customers – want ways to save money on their purchases.

Preconditions:

Corporate customer has been authenticated and logged into their corporate account.

Success Guarantee:

A coupon code has been generated that applies the desired discount or deal that the corporate customer selected. Individuals who have marked their food truck as a favorite are notified through email and push notification.

Main Success Scenario:

1. Corporate customer presses the menu button and chooses promotions
2. Under promotion type they select “coupon code”
3. They are able to specify a type of promotion (% discount, BOGO, etc)
4. Corporate Customer reviews their coupon code
5. They then select Publish and the coupon is ready to be used
6. Users that have marked this food truck as favorite are notified through email and push notification and can use the coupons on the app.

Extensions

3a. Corporate customer does not select a valid type of promotion.

1. The system alerts the user that a valid promotion must be selected to continue

4a. Corporate customer wants to make changes to their coupon

1. A button can be pressed to return to the settings of the coupons where changes can be made before continuing.

Special Requirements

1. Coupon codes should be delivered to the customers in a timely manner.
2. Guided user interfaces should be easy to navigate for both corporate and individual customers.

Technology and Data

1. An iPad or Computer is needed to access these menus from a corporate account.

Frequency of Occurrence

Very frequent as businesses like running promotions and codes on weekends, holidays, and other days of the week as well to promote their business.

Use Case: Notifying Users When Near a Food Truck

Primary Actor: Individual Users

Stakeholders & Interests:

Corporate Customers – want their customers to always be able to find them through the app.

Regular Customers – always want to be able to locate their favorite trucks.

Preconditions:

User is logged in with his credentials into the truck'd mobile app.

User has marked some food trucks as favorites.

User allowed truck'd app to access their location even when the app is closed.

User has opted in for notifications when they are near a food truck.

Success Guarantee:

A push notification is sent to the user's smartphone through the truck'd app telling them there is a food truck they like nearby.

Main Success Scenario:

1. User walks within a 2 mile radius of a truck'd affiliated food truck.
2. App sends a push notification to the user letting them know there is a food truck they have marked as favorite nearby.

Extensions

2a. Stale location of food truck

1. App will double check with server that the location reported is accurate as of 5 mins before.

Special Requirements

1. Notifications should be delivered in a timely manner.

Technology and Data

1. A smartphone with GPS accurate location and the truck'd app.

Frequency of Occurrence

Very frequent as clients move around places and trucks are also always moving around almost daily.

Use Case: Allow Affiliated Food Trucks to be Promoted for a Fee

Primary Actor: Corporate customers

Stakeholders & Interests:

Corporate Customers – want to be able to pay to be featured on the app and obtain more customer exposure.

Preconditions:

Corporate customer has been authenticated and logged into their corporate account.

Success Guarantee:

Food truck will be promoted in the home page of the truck'd app for the amount of time specified by the corporate customer. The image and text displayed on the banner is consistent with what the corporate customer wants to display.

Main Success Scenario:

1. Corporate customer clicks the “Promote” option on the portal.
2. They are taken to a menu that allows them to select the amount of time they would like to be promoted, select one or more pictures to be displayed, and a custom text to be displayed.
3. They are prompted with a preview of their ad and asked to confirm if all the details are correct.
4. They are then taken to a checkout page where they use any of the supported forms of payment to pay the promotion fee.
5. Corporate customer gets a receipt and confirmation that their ad is now live.

Extensions

3a. Customer is not satisfied with the way their ad looks and wants to modify it

1. User can press the back button where they can continue making changes

4a. Payment is declined

1. User will get a prompt stating that the payment was unsuccessful to try again.

Special Requirements

1. Guided user interface is user-friendly and intuitive.
2. Payment processing is quick (less than 1 minute)

Technology and Data

1. Tablet/Computer with the ability to access the corporate customer portal.

Frequency of Occurrence

Very frequent as businesses affiliated with the app are looking for ways of attracting customers.

Use Case: Allow Customers to Place Orders Within the App

Primary Actor: Individual users

Stakeholders & Interests:

Individual Users – users want to be able to use the app to order through it and be able to checkout with their saved payment methods and pick up their food at the food truck.

Corporate Customers - food trucks want to be able to sell to more users and give them the convenience of paying through their phone with any of the payment methods supported by the app.

Preconditions:

User is logged in into the truck'd mobile app.

Food truck where user would like to order is open and accepting orders.

Success Guarantee:

Order is placed and sent to the food truck. An order number is assigned to the customer.

Customer can check on the progress of their order on the app.

Main Success Scenario:

1. User searches for the food truck they would like to order from and selects it
2. User then assembles their order and add all desired items to their cart
3. Once they are satisfied with it they hit the checkout button and review their order
4. User selects a method of payment and pays
5. A receipt is generated and presented to the user
6. User can see a screen where they can check on their order progress.

Extensions

1a. Food truck is not actively taking order

1. User is alerted that the truck is not currently taking orders and they are unable to order from it.

3a. Customer is not satisfied with their order and would like to modify it

1. User can press the back button where they can continue making changes

4a. Payment is declined

2. User will get a prompt stating that the payment was unsuccessful to try again.

Special Requirements

3. Guided user interface is user-friendly and intuitive.
4. Payment processing is quick (less than 1 minute)

Technology and Data

1. Smartphone capable of running the truck'd app.

Frequency of Occurrence

Very frequent as users are constantly ordering maybe even multiple times throughout the day.

Use Case: Allow for the Food Truck Companies to Access Their Order Data

Primary Actor: Owners/managers of food trucks

Stakeholders & Interests:

Food truck companies: wants to be able to view the correct order data so they can begin preparing to make them for the customer.

FoodTruck'd: wants the food truck companies to be able to properly view their order data to fulfill them.

Preconditions:

The customer made an order to a specific food truck company and the request went through in the app on their end.

Success Guarantee:

Food trucks are able to view all the details about the order that they received from their customers, with no information missing.

Main Success Scenario:

The customer logs into the app and begins to make an order once they found a suitable food truck to order from. Then they pick what they would like to order and make the transaction. As soon as the transaction is made, the app sends and notifies the order information to the related food truck company. The food truck company receives this notification and is able to view the details of the customers' orders, then begins to prepare the order itself.

Extensions

1. The app times out possible due to loss of connection or other reasons.
 - a. There will be an error message stating the poor connection
 - b. The app will store the information and complete the order once the customer is in a better spot.
2. There are limited customization options from the food truck's end in the app.
 - a. There will be an additional comments section that the customer can use to make any other requests and highlight them for the food truck company.
3. Many order requests are made at a given time.
 - a. There will be a queue of the orders made, shown chronologically on the food truck companies' ends.

Special Requirements

1. If there is a stable connection, then the order will be processed in less than 3-5 seconds.
2. The orders that appear are organized and easily accessible to the company.

Technology and Data

- Monitor linked to a computer that takes in all the information on the app and displays it for the company to see the orders and make them.

Frequency of Occurrence

Very frequent as this is part of the main process of making a sale for the food truck company.

Use Case: Customer Wants to Use the Augmented Reality Feature to Guide Them to the Selected Food Truck

Primary Actor: Customers

Stakeholders & Interests:

Customers: wants to be taken to the correct location of the food truck that they selected.

Food trucks: wants the customer to safely navigate their truck to deliver the order to the paying customer.

FoodTruck'd: wants the customer to be able to intuitively find the food truck in a safe manner.

Preconditions:

The customer completed an order through the app and chose to pick it up from the food truck in person.

Success Guarantee:

The customer arrives at the food truck destination.

Main Success Scenario:

The customer opens the app and decides to make an order. After paying and confirming the order, the customer opts to utilize the augmented reality feature to take him/her to the proper location to pick up the order. The augmented reality guides the customer throughout their current location to get to the destination intuitively. After some time, the feature correctly takes the customer to the destination.

Extensions

1. The food truck is in an obscure location or is changing (like under construction).
 - a. The app will simply disable this feature, displaying "AR feature not available at this location/time"
2. Privacy settings with the phone's camera and location information.
 - a. If not already allowed, the app will ask the customer to enable the app to access the phone's camera and location for this feature to work.

Special Requirements

1. The customer can toggle the "real-world" view of the camera on or off.
2. The app will show intuitive directions to precisely show when the customer should make turns.
3. The app will tell the customer the estimated time arrival to include the time remaining to get to the destination.

Technology and Data

- A modern smartphone/tablet/computer with a camera

Frequency of Occurrence

Not frequent, the customer may not choose to utilize the augmented reality feature most of the time they are ordering food.

Use Case: Customer Wants to Post a Review of a Specific Food Truck

Company

Primary Actor: Customers

Stakeholders & Interests:

Customers: wants to be able to leave feedback/review of the food that they just ate.

Food trucks: wants to view the feedback they are given.

Preconditions:

The customer decides that he/she would like to leave a review of a food truck company within the FoodTruck'd app.

Success Guarantee:

The customer posts a review and others are able to see it, including the food truck company.

Main Success Scenario:

A customer recently completed an order through the app and finished their meal. The customer felt that the food he just had warrants a positive review for the food truck company that provided it to him. The customer goes into the app, finds the company, and scrolls down to leave a review. After making some comments and rating the food highly, the customer posts the review.

Extensions

1. The customer is not satisfied with their experience.
 - a. The customer can specify what about their experience was not favorable
 - b. The food truck will have access to the reviews and can reply to them

Special Requirements

1. The app will allow the customer to sort the comments based on common review organization, such as "top reviews," "most critical," "most recent," etc.

Technology and Data

- A modern smartphone/tablet/computer

Frequency of Occurrence

Dependent on the customers, if they consistently leave reviews or not.

Use Case: Customer Wants to Contact a Food Truck for Catering**Opportunities**

Primary Actor: Customers

Stakeholders & Interests:

Customers: wants to get into contact with a food truck business that can cater.

Food trucks: wants to interact with potential customers who would like to cater.

FoodTruck'd: wants to properly display to customers which food trucks can cater and facilitate the communication between the two.

Preconditions:

The customer is looking to find food trucks that offer catering services and get into contact with one.

Success Guarantee:

The customer is presented with food truck options and successfully contacted any of them (could be in any of the communication forms that the company listed on their page).

Main Success Scenario:

A customer goes into the app looking to find a food truck that would be able to provide catering to them for an event. After looking at some options, the customer chooses the one that would best suit the event and chooses to contact the company. The contact information of the company is outlined on the page, and the customer chooses to contact the company by calling them. A representative from the food truck company answers and talks with the customer about catering options.

Extensions

1. The food truck that the company wants to order from does not have any catering options.
 - a. The food truck's page will state whether or not they do catering.
 - b. The customer can filter out companies that do not cater in searching.
2. The customer makes a last-minute request for a large catering order.
 - a. The food truck can choose to deny the request.
 - b. The food truck can display on their page a minimum "heads-up" notice for such orders.

Special Requirements

1. There will be a label/badge for companies that are able to do catering services.
2. There will be an estimated time of completion given to the customer once a catering order has been made, so that they are updated on when it will be ready.
3. If the order goes over the estimated time, there will be a message to the customer displaying the reason.

Technology and Data

- A modern smartphone/tablet/computer
- Monitor and computer for the food truck company.

Frequency of Occurrence

Depends on location and the scheduling of events by potential customers.

Use Case: Create a social media element where users can share what they've eaten

Primary Actor: Individual users

Stakeholders & Interests:

Regular Customers – creating a following and sharing their experiences

Preconditions:

User has an account and social media element displays username, truck names that they've eaten at, and reviews optionally.

Success Guarantee:

Truck name, user name, location, and optionally food images are displayed in user followers' feeds.

Main Success Scenario:

1. User visits a food truck and orders food.

2. User takes pictures of food and uploads them to their account with truck information and location or user leaves text review.
3. App displays user post in feed.

Extensions

1. User creates post with incorrect information.
 - a. User can edit post to correct it.
 - b. User can delete post.

Special Requirements

1. User post will update to followers' feeds as soon as uploaded and fetched from server.
2. User posts can be drafts and saved for later.

Technology and Data

1. A smartphone with GPS accurate location and the truck'd app.

Frequency of Occurrence

Frequent as users can share reviews on food they have received from truck.

Use Case: Allow customers to post photos of their food

Primary Actor: Individual users

Stakeholders & Interests:

Regular Customers – sharing their food pictures with other users.

Preconditions:

User has an account and social media element displays username, truck name, images of food, and location.

Success Guarantee:

Truck name, user name, and food images are displayed in user followers' feeds.

Main Success Scenario:

4. User visits a food truck and orders food.
5. User takes pictures of food and uploads them to their account with truck information and location.
6. App displays user's images in feed of others.

Extensions

2. User creates post with incorrect information.
 - a. User can edit post to correct it.
 - b. User can delete post.

Special Requirements

3. User post will update to followers' feeds as soon as uploaded and fetched from server.
4. User posts can be drafts and saved for later.

Technology and Data

1. A smartphone with GPS accurate location and the truck'd app.

Frequency of Occurrence

Frequent as users can share images on food that they've received from trucks.

Use Case: Allows users to filter food items based on dietary concerns

Primary Actor: Truck'd App

Stakeholders & Interests:

Regular Customers – finding foods that they can consume based upon their dietary preferences.

Preconditions:

App has a defined set of dietary restrictions that trucks may register for.

Success Guarantee:

Truck names and locations are displayed based upon the filter applied for dietary restrictions.

Main Success Scenario:

1. User opens app and searched for trucks.
2. User uses filter to filter trucks based upon dietary preferences.
3. App displays list of trucks and locations that have menu items that meet those preferences.

Extensions

1. App will also display menu items that are specific to those dietary preferences.

Special Requirements

1. App will display all food options within 30 seconds.

Technology and Data

1. A smartphone with GPS accurate location and the truck'd app.

Frequency of Occurrence

Frequent as users with dietary restrictions/preferences must be able to sort their options based on restrictions/preferences.

Use Case: Be able to handle payment of various types

Primary Actor: Truck'd App

Stakeholders & Interests:

Regular customers and truck owners - Must be able to handle a variety of transaction methods for payment

Preconditions:

App has predefined set of payment options and user has internet connection.

Success Guarantee:

Transactions are made with user-option to select what type of payment method and truck receives money.

Main Success Scenario:

1. User orders through app and selects payment type.
2. Payment is processed and transaction is complete.
3. Food truck receives payment.

Extensions

1. Transaction failed
 - a. User selects payment method and pays with such
 - b. Transaction is taken to third party, then Truck'd, then to food truck
 - c. Transaction invalidated by third party
 - d. Transaction is then canceled and error message appears

Special Requirements

1. Transaction will be validated by third party and truck'd within 30 seconds

Technology and Data

1. Third party must confirm transaction and alert Truck'd
2. Third party payment data is separate and handled by third party
3. Receipt of transaction is given by both Truck'd and third party payment method

Frequency of Occurrence

Frequent as users use different types of payment methods based on preference.

Vignesh

Use Case: Encrypt Users Password Information to Protect it

Primary Actor: Truck'd App

Stakeholders & Interests:

Regular Customers – always keeping their account secured and safe

Preconditions:

User is logged in with his credentials into the truck'd mobile app.

Success Guarantee:

Password is protected from hackers and keeping user information secure.

Main Success Scenario:

7. User creates an account.
8. When creating the account, the user creates a secure password.
9. The app then encrypts the password information securing the account.

Extensions

3. An option for dual authentication can be provided to users.

Special Requirements

5. An email address linked to the account or a phone number linked to the account is necessary to help with the encryption.

Technology and Data

1. A smartphone with GPS accurate location and the truck'd app.

Frequency of Occurrence

Very frequent as customers log into the app on a regular basis.

Use Case: Save users past and favorite orders to allow them to be replaced quickly.

Primary Actor: Truck'd App

Stakeholders & Interests:

Regular Customers – saving favorite orders to make it easier to order common or favorite items.

Preconditions:

User is logged in with his credentials into the truck'd mobile app.

Success Guarantee:

Users see their favorite and past orders to make it easier to order.

Main Success Scenario:

1. User opens the Truck'd app and logs in.
2. The user can scroll through their choice of food trucks close to them.
3. When ordering, the user has the option to view past orders or favorite orders.

Extensions

1. The user doesn't have any previous orders
 - a. The user begins ordering with the app, and the app stores past orders.
2. The user doesn't have any favorite orders
 - a. The user "favorites" a particular order and the app stores it as a favorite.

Special Requirements

1. Favorite meals appear for the user based on their preferences
2. Past orders show in order of recency

Technology and Data

1. A smartphone with GPS accurate location and the truck'd app.

Frequency of Occurrence

Very frequent as customers log into the app on a regular basis.

Use Case: Save payment types for repeated use

Primary Actor: Truck'd App

Stakeholders & Interests:

Regular Customers – saving favored or preferred payment types to make it easier for customers to pay for their food.

Preconditions:

User is logged in with his credentials into the truck'd mobile app.

Success Guarantee:

Users see their preferred payment methods when asked to pay for food.

Main Success Scenario:

1. User opens the Truck'd app and logs in.
2. User goes to their profile on the app.
3. Under payment methods, they should see their preferred payment(s) type(s)

Extensions

1. The user doesn't have any saved payment types.
 - a. The user can open the payment section in their profile and add their preferred payment type.

Special Requirements

1. Credit card information is safely stored and encrypted on the app.

Technology and Data

1. A smartphone with GPS accurate location and the truck'd app.

Frequency of Occurrence

Very frequent as customers log into the app on a regular basis.

Use Case: Allow the user to make customization requests for food items.

Primary Actor: Truck'd App

Stakeholders & Interests:

Regular Customers – giving customers the option to customize their food

Preconditions:

User is logged in with his credentials into the truck'd mobile app.

Success Guarantee:

Users can select different customizations for food they choose to order.

Main Success Scenario:

1. User opens the Truck'd app and logs in.
2. User selects the entree or dish they would like to order.
3. User can then go into the dish specifications and select different customizations.

Extensions

1. The user has selected a dish to order.
 - a. Within the dish, there are certain items you can customize to the way the customer prefers the dish.

Special Requirements

1. The user can customize all dishes that are possible to be customized.

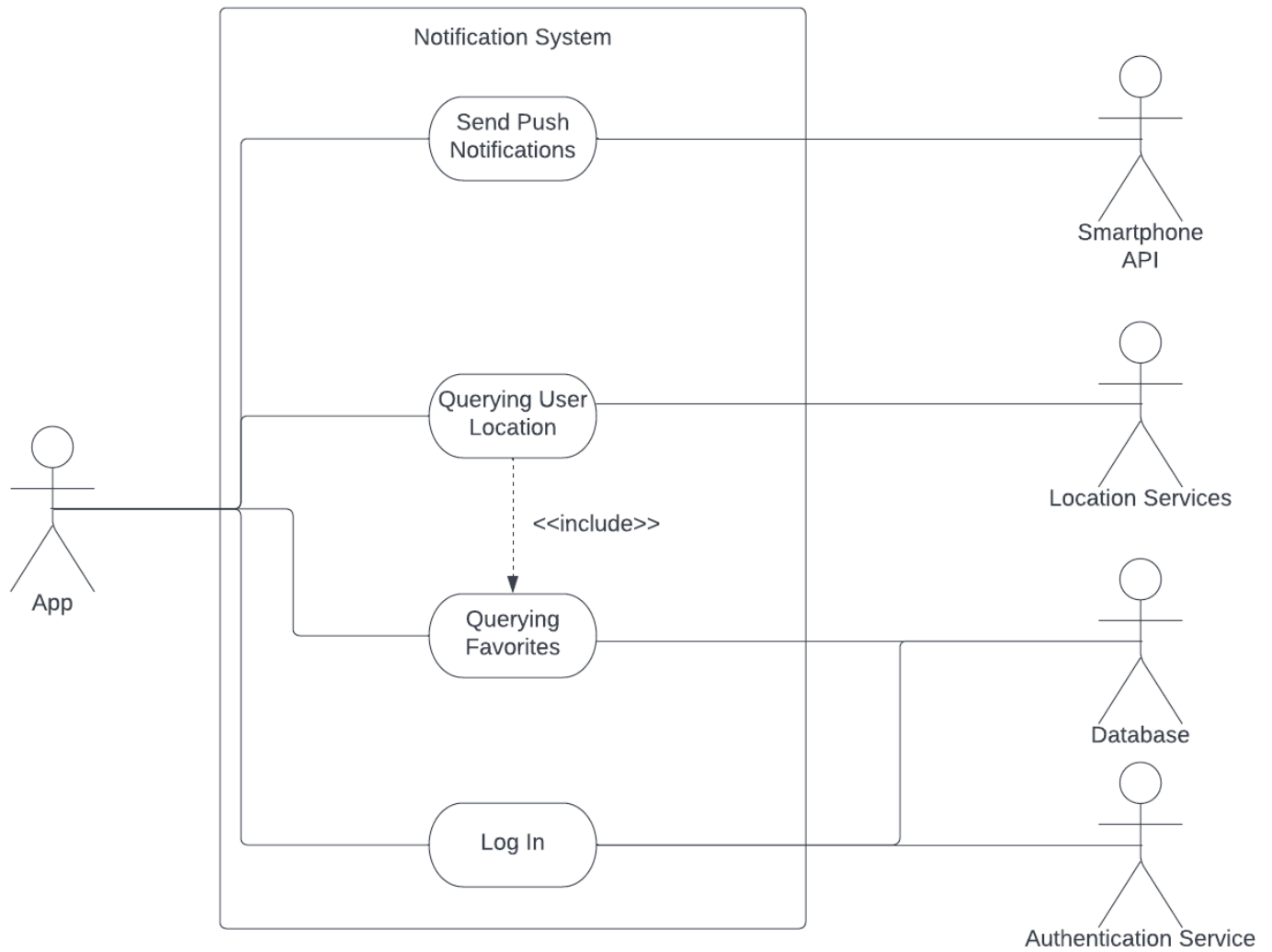
Technology and Data

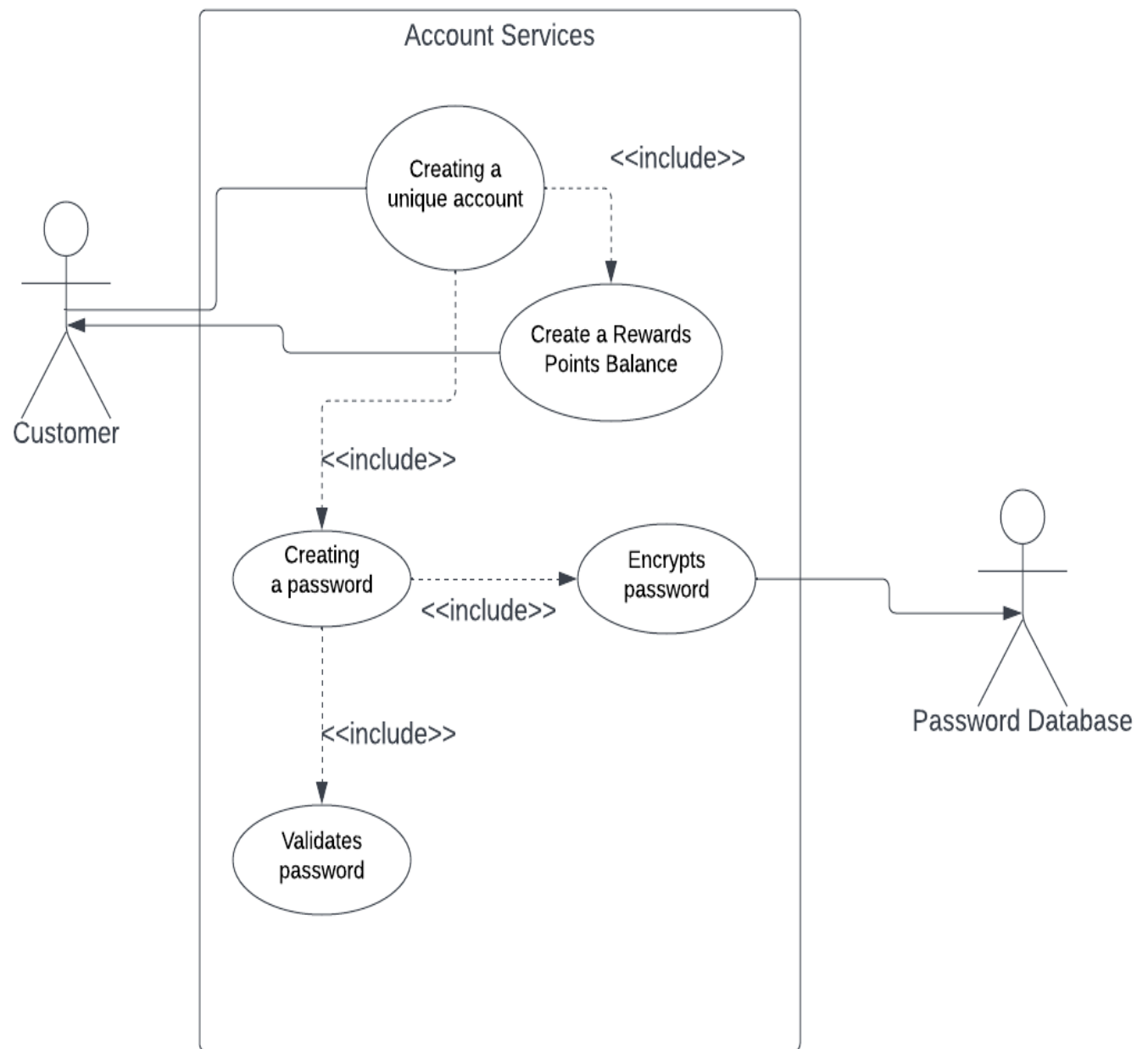
1. A smartphone with GPS accurate location and the truck'd app.

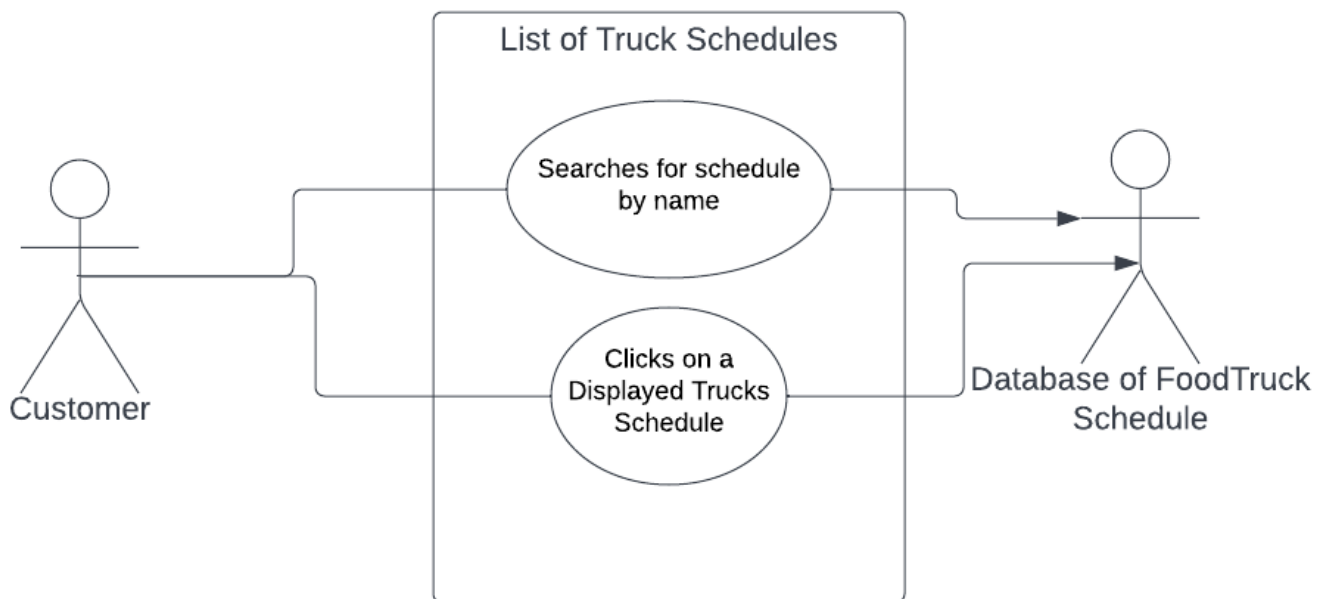
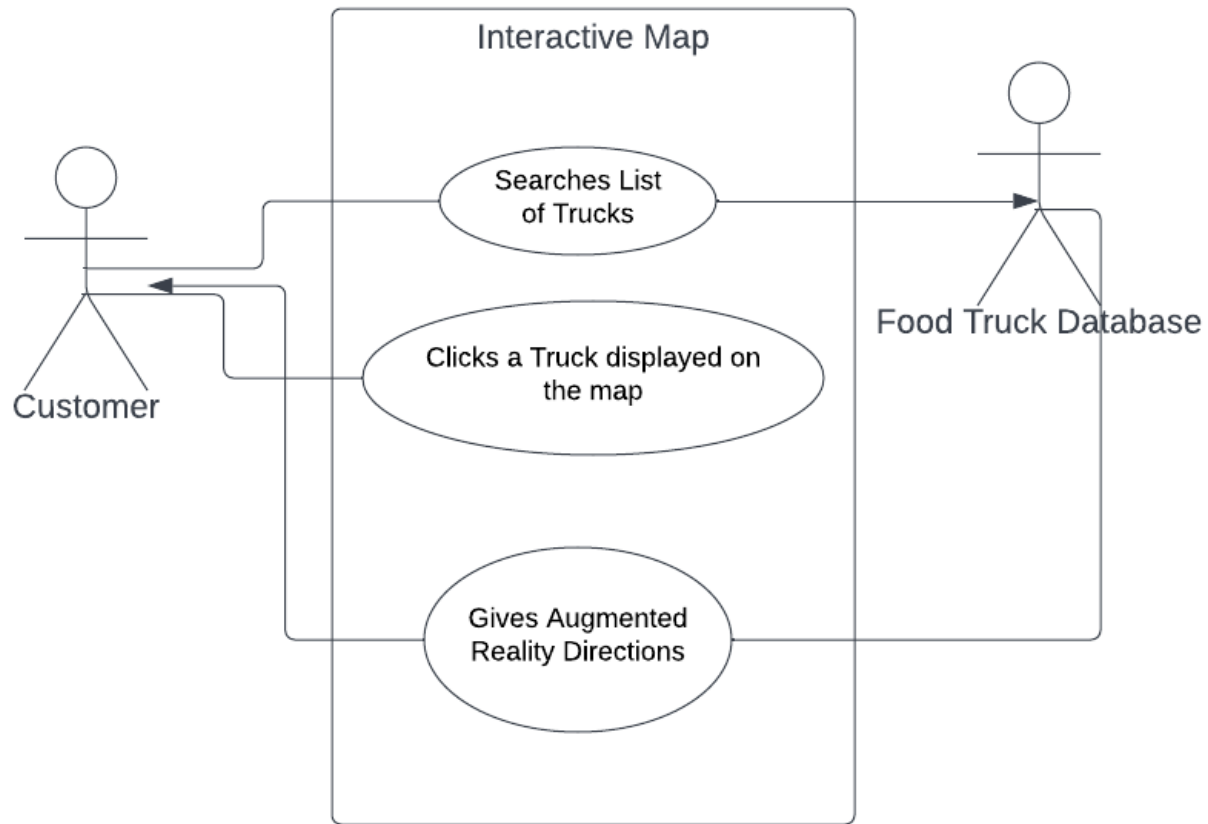
Frequency of Occurrence

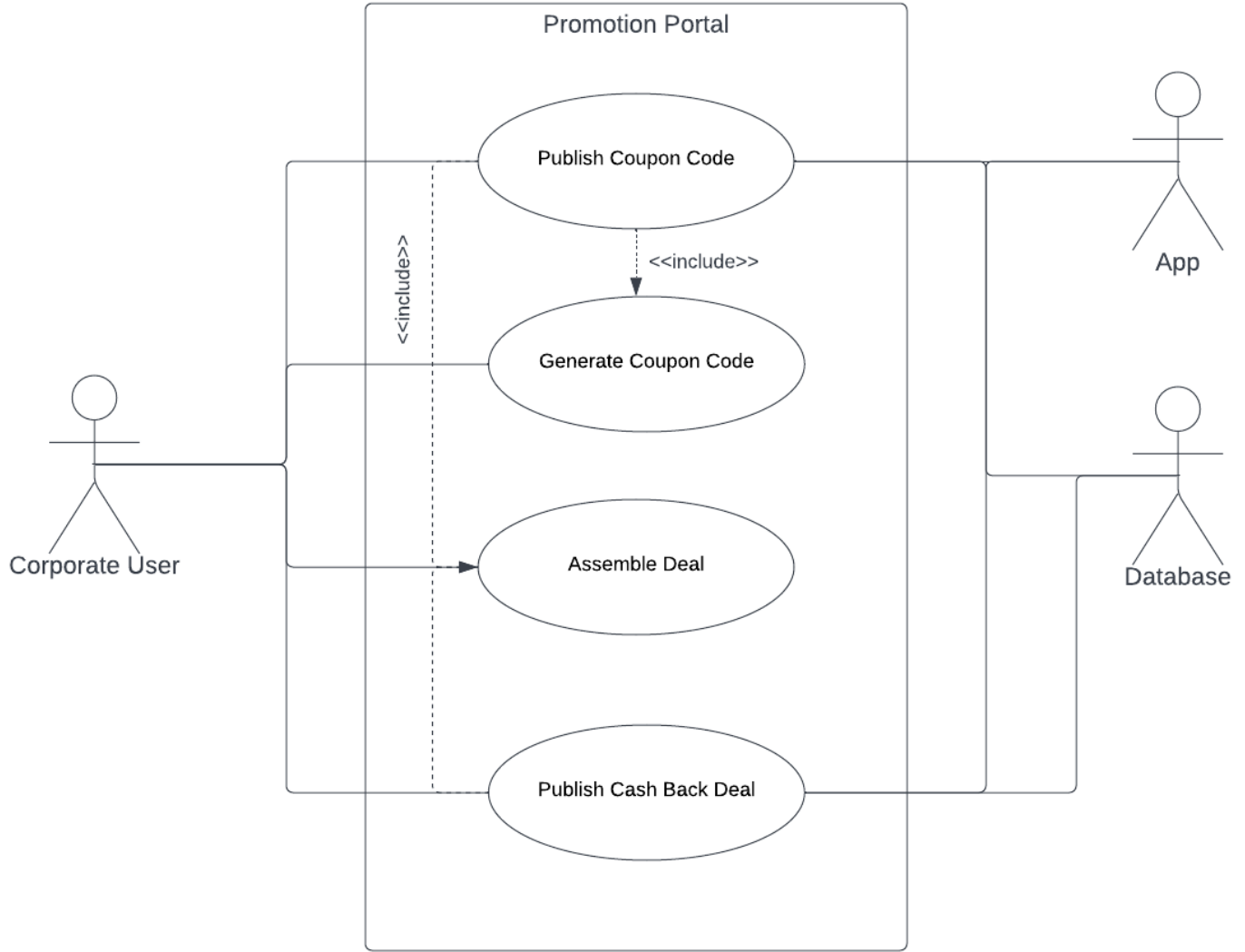
Very frequent as customers log into the app on a regular basis.

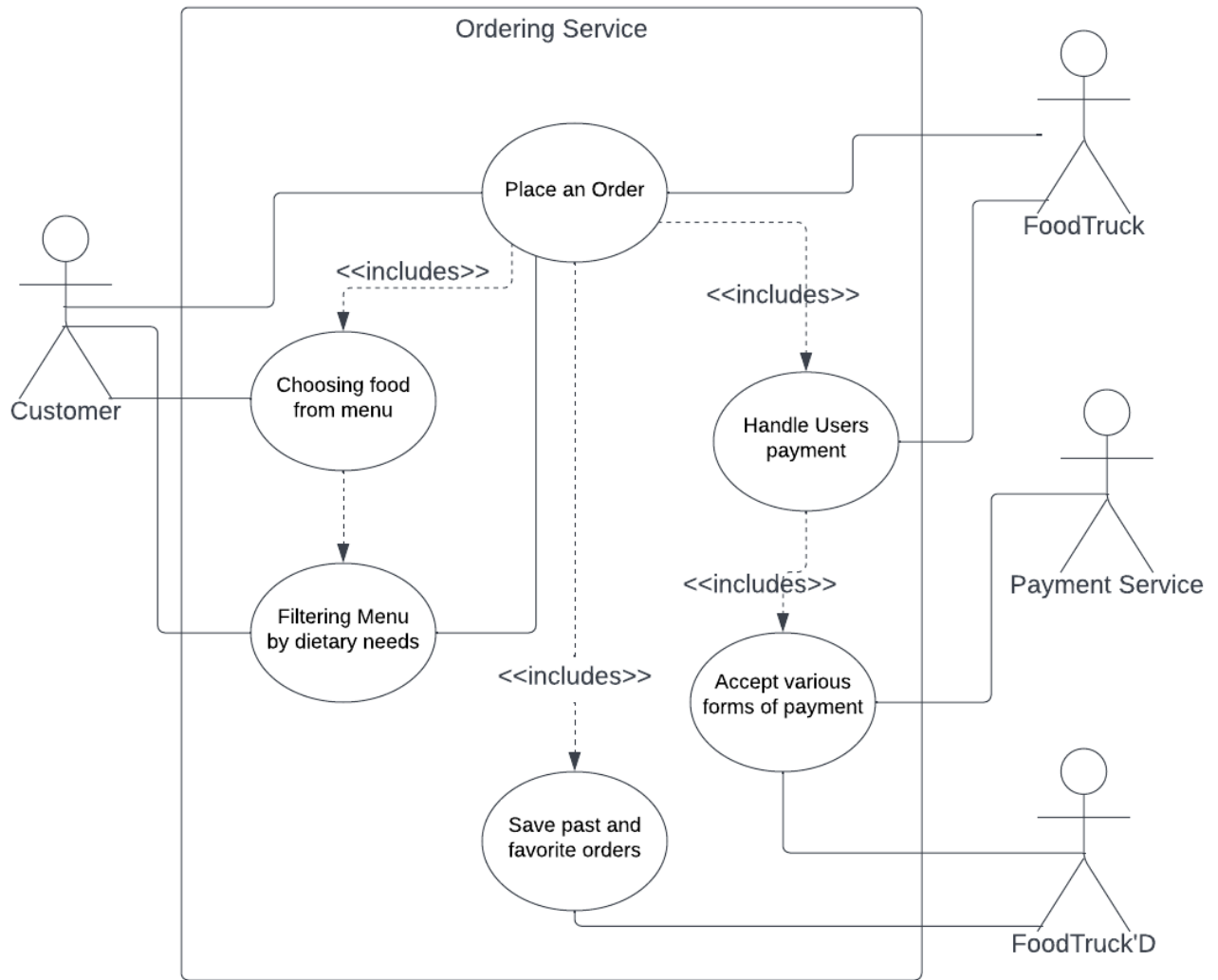
Use Case Diagrams:

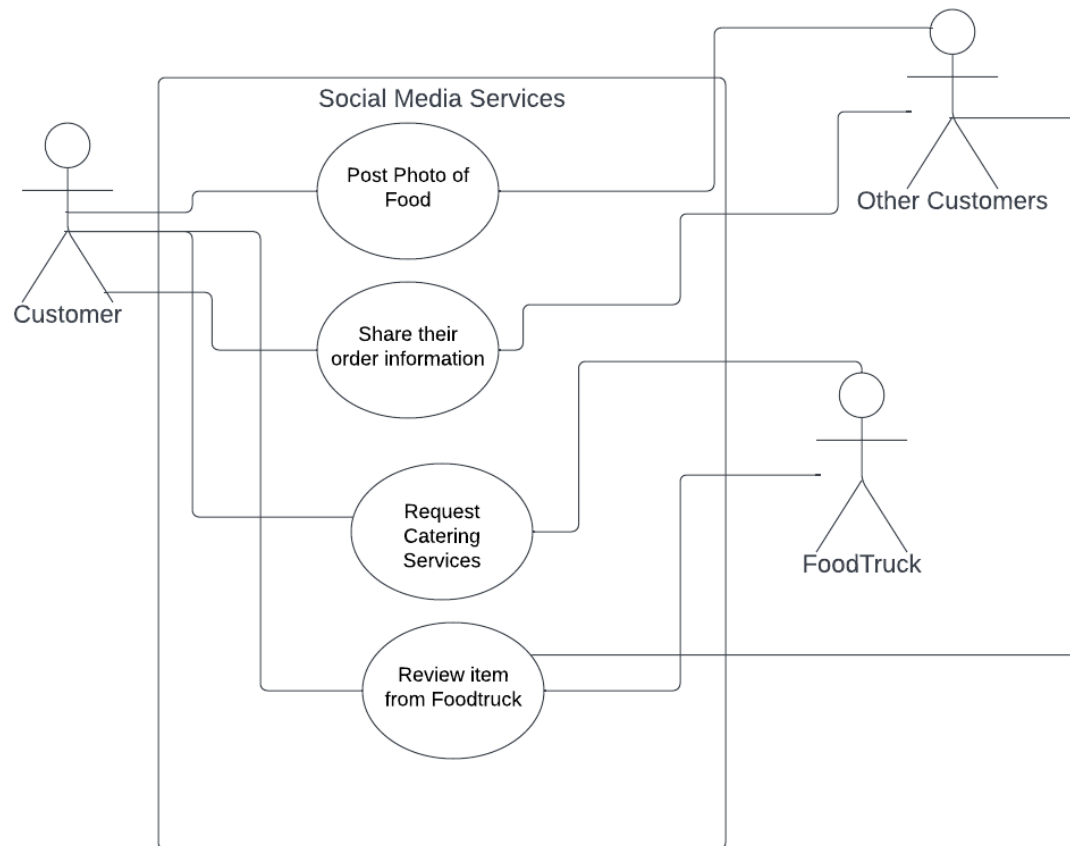
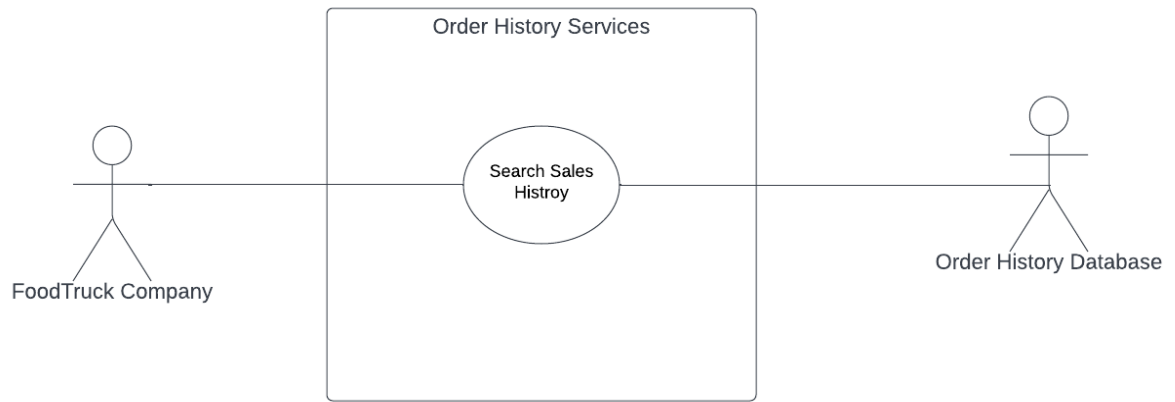




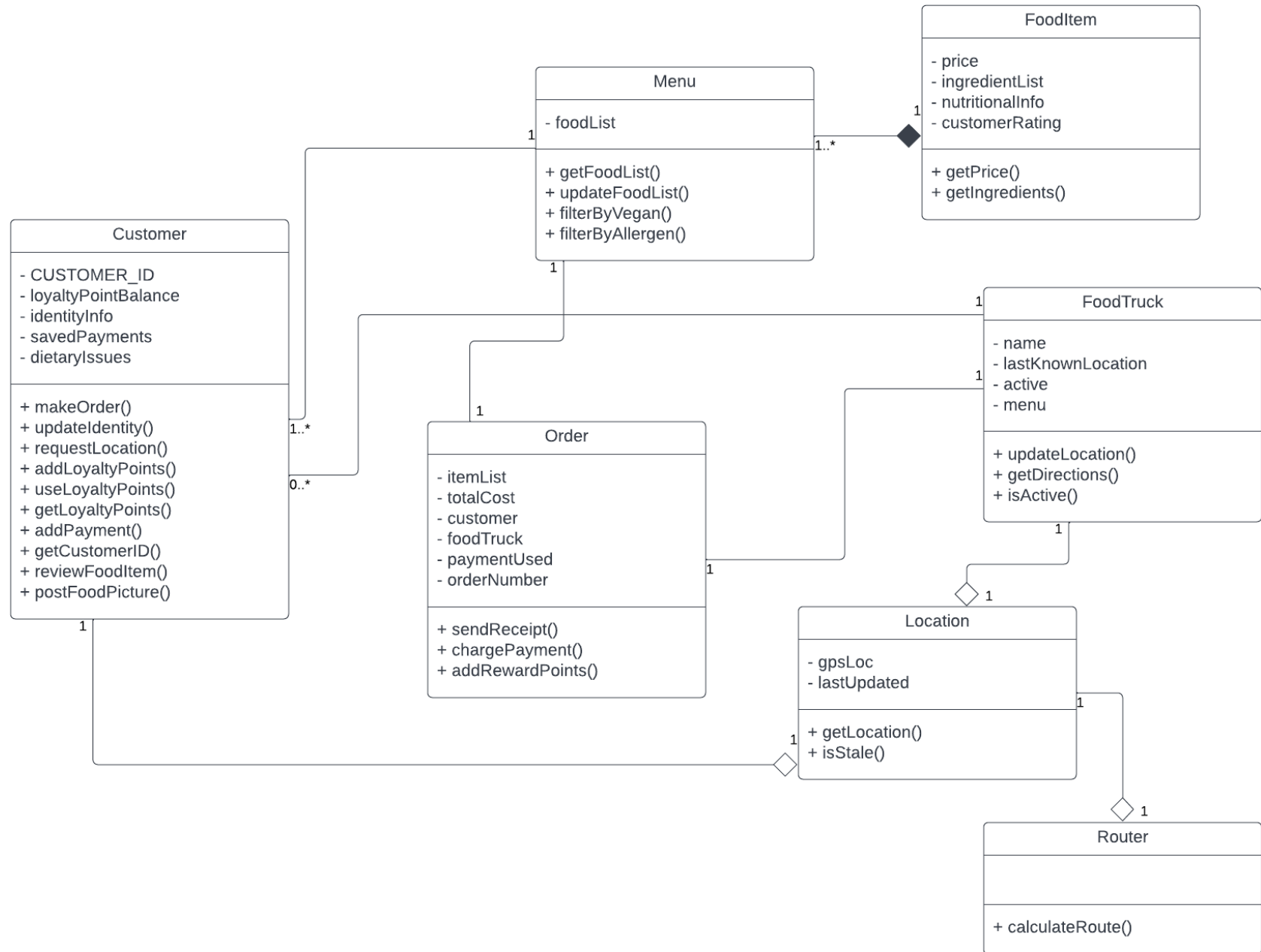








Class Diagram:



Supplementary Specifications:

1. Refunds should be granted within 24 hrs of the users request for unfulfilled orders.
2. The app should load quickly (within 5 seconds) despite how much traffic it has.
3. Eye-catching logo
4. The app should be reliable and the services should be online