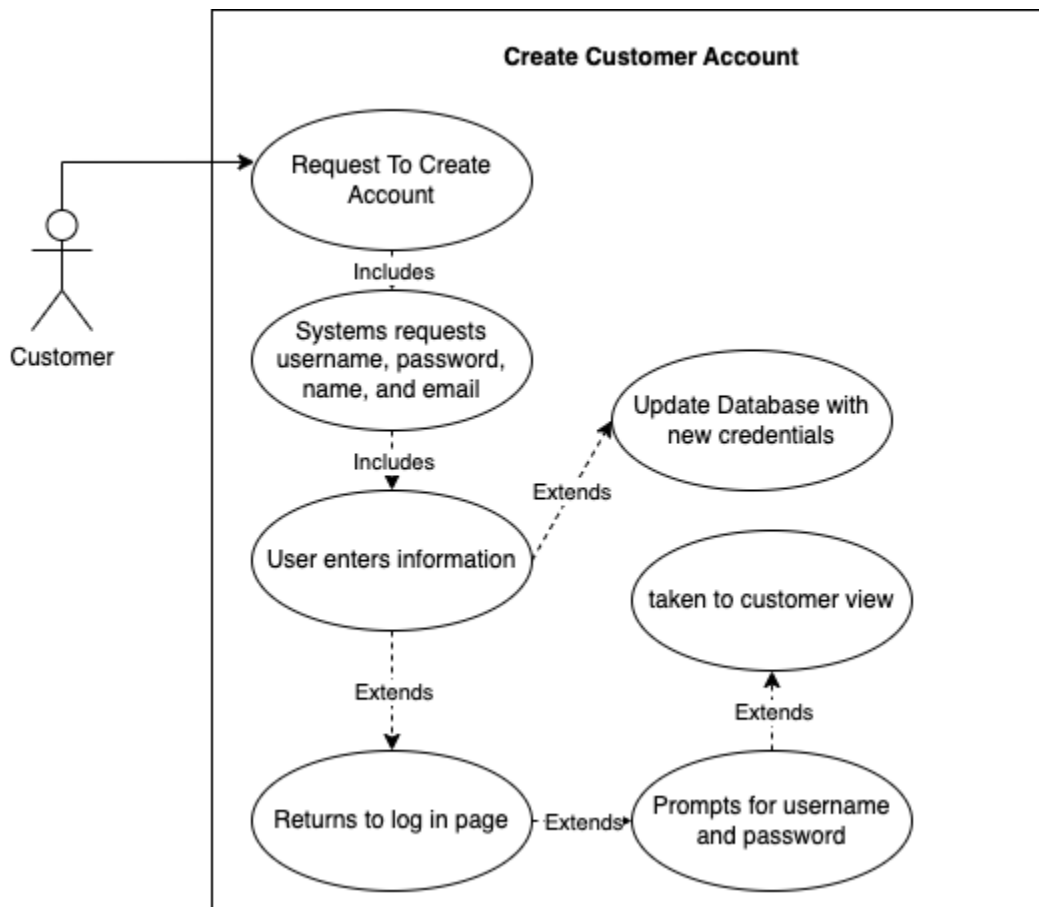


Figure 1 - Customer Creates An Account



Participating Actors: Customer

Entry Conditions:

- The customer wants to create an account

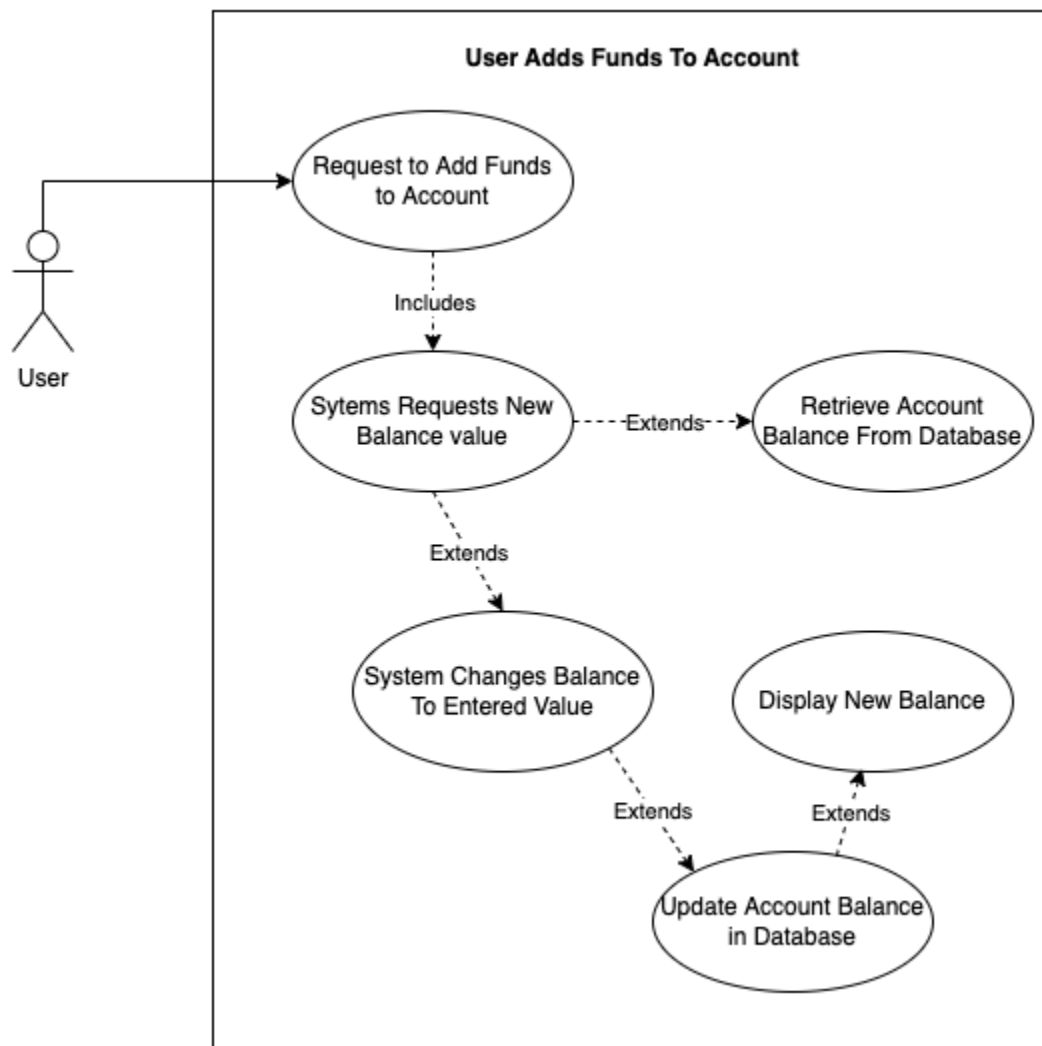
Ext Conditions:

- Customer creates account
- The customer doesn't submit and no account is created

Event Flow:

1. Customer Requests to make an account
2. The system requests an acceptable username and password
3. User enter's information
 - a. If submitted, the database is updated
 - i. Returns to log-in screen
 - ii. User enters new username and password
 - iii. The user gets navigated to the customer view
 - b. If not submitted no account is created

Figure 2 - User Adds Funds To Account



Participating Actors: User - Customer, Cashier, Barista, and Manager

Entry Conditions:

- The user wants to edit the account balance

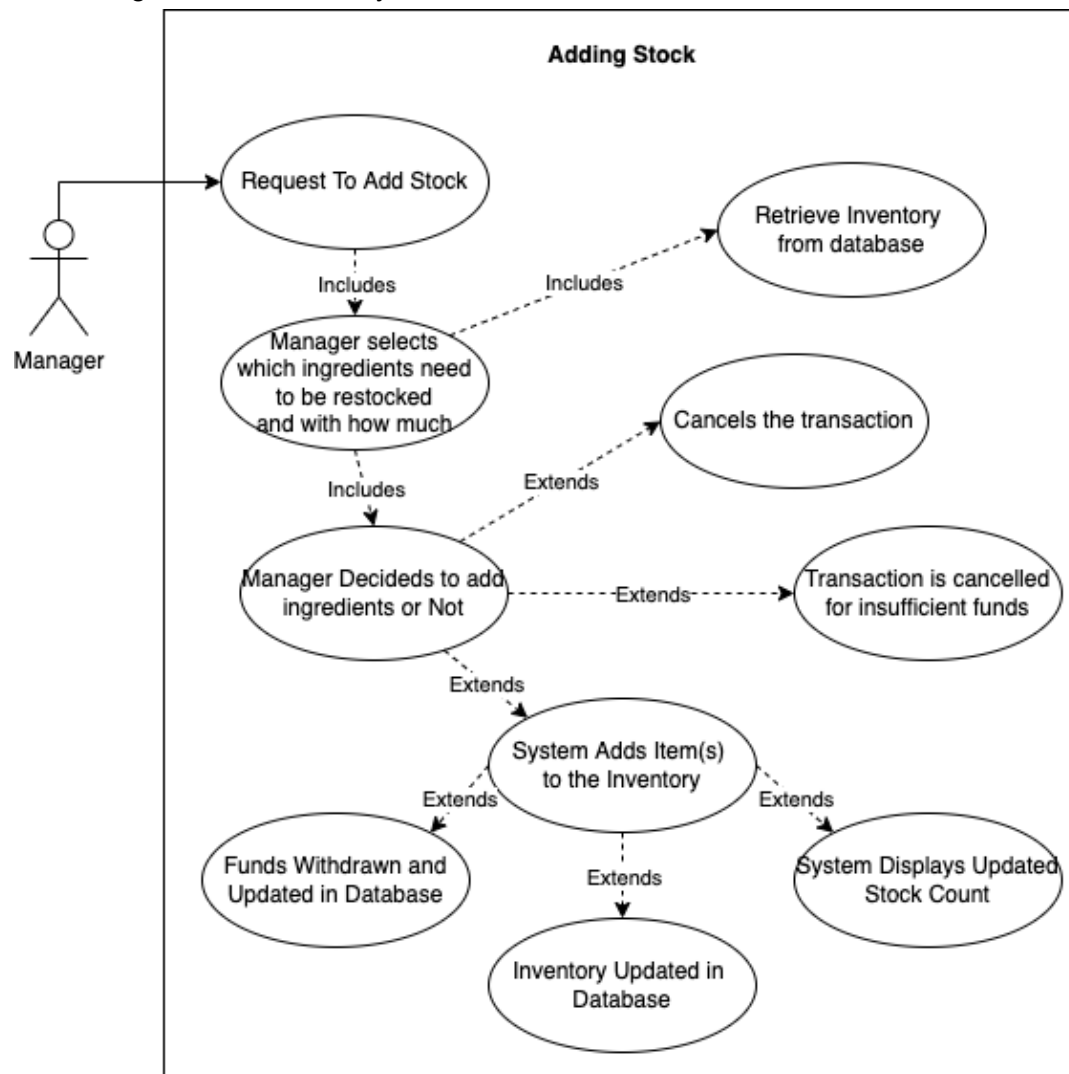
Exit Conditions:

- The user sets desired balance

Event Flow:

1. User Requests to add funds to account balance
2. System Request what new balance will be
3. Customer enters desired balance
4. The account balance is updated
5. The system displays an updated balance

Figure 3 - Adding Stock to Inventory



Participating Actors: Manager

Entry Conditions:

- The manager Wants to add the product to the inventory

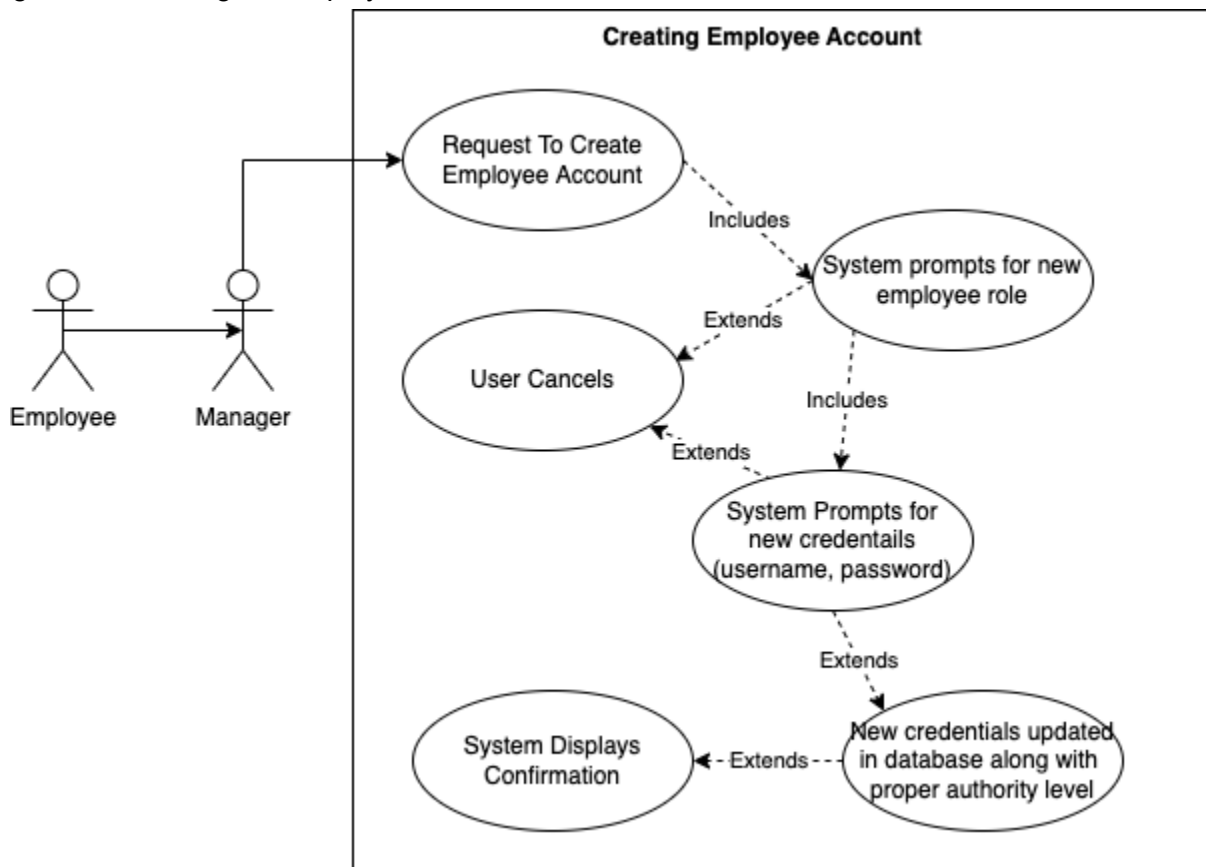
Exit Conditions:

- The stock was added to inventory and funds withdrawn
- Transactions canceled by the manager
- Transaction canceled due to insufficient funds in the account

Event Flow:

1. Manager requests to add stock
2. The manager selects what amount/which products to be restocked
3. The system Adds new inventory
 - a. Funds are withdrawn from the account
 - b. Inventory database updated
4. System displays transaction confirmation

Figure 4 - Creating An Employee Account



Participating Actors: Manager, Employee (Cashier, Barista)

Entry Conditions:

- New Employee Needs Account

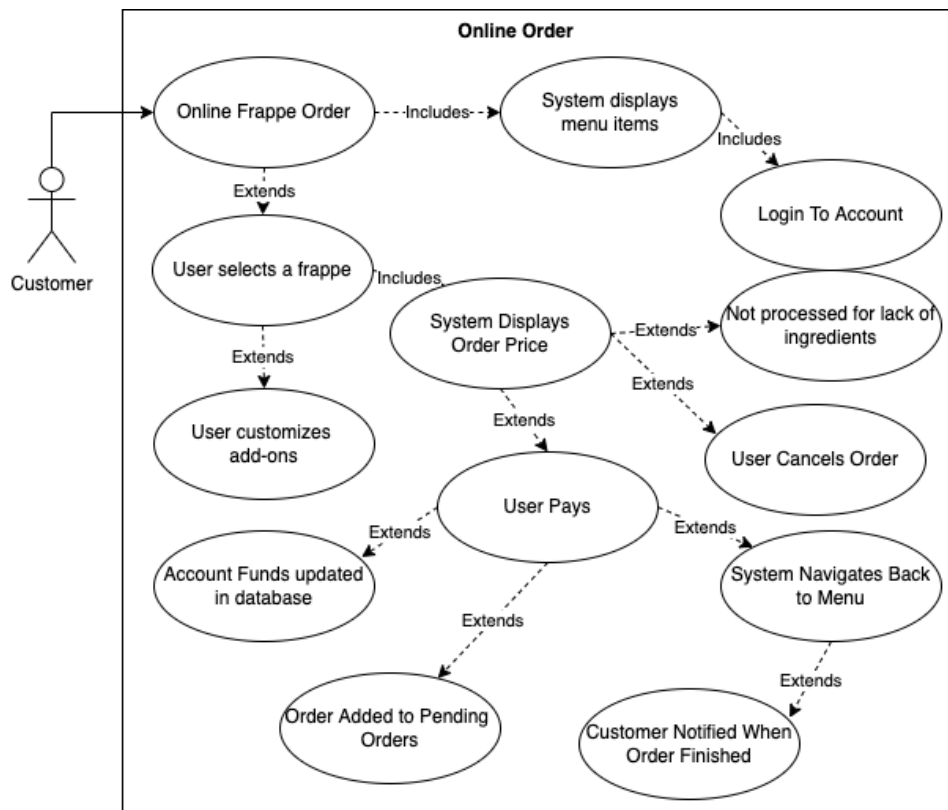
Exit Conditions:

- New Employee Account Created
- Account Creation Process Canceled

Event Flow

1. Request to create an employee account
2. The system prompts for the employees role
3. The system prompts for employees new credentials
4. Credentials added to database along with employee's position
5. System displays confirmation

Figure 5 - User Orders Online



Participating Actors: Customer

Entry Conditions:

- Customer Wants A Frappe and not in store
- The customer wants to view the menu

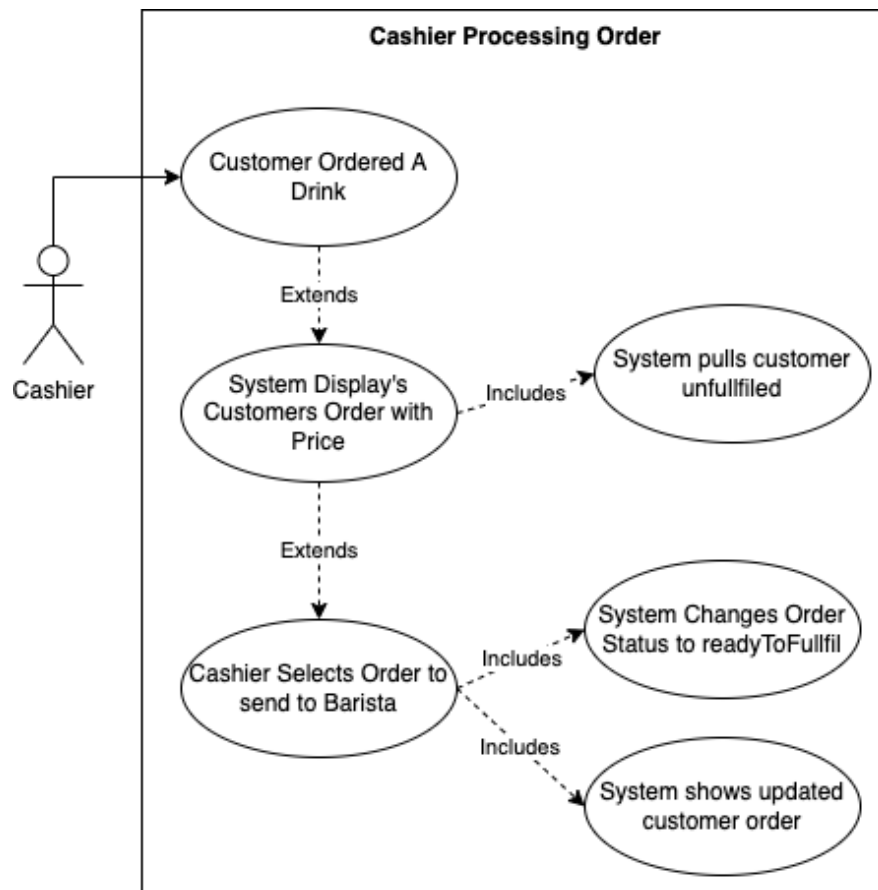
Exit Conditions:

- The customer can't log in
- Customer Orders a frappe
- Customer Cancels Order
- The system cancels because of missing ingredients

Event Flow:

1. Customer Logs into the account
2. The customer selects a frappe
 - a. Customer customizes add-ons
3. System Displays Price
4. User Pays
 - a. The system navigates back to menu
 - i. The user is notified when the order is finished
 - b. Inventory is adjusted in the database
 - c. The user's Account funds are adjusted in the database

Figure 6 - Cashier Processes Order



Participating Actors: Customer, Cashier

Entry Conditions:

- Cashier Wants to Process Order

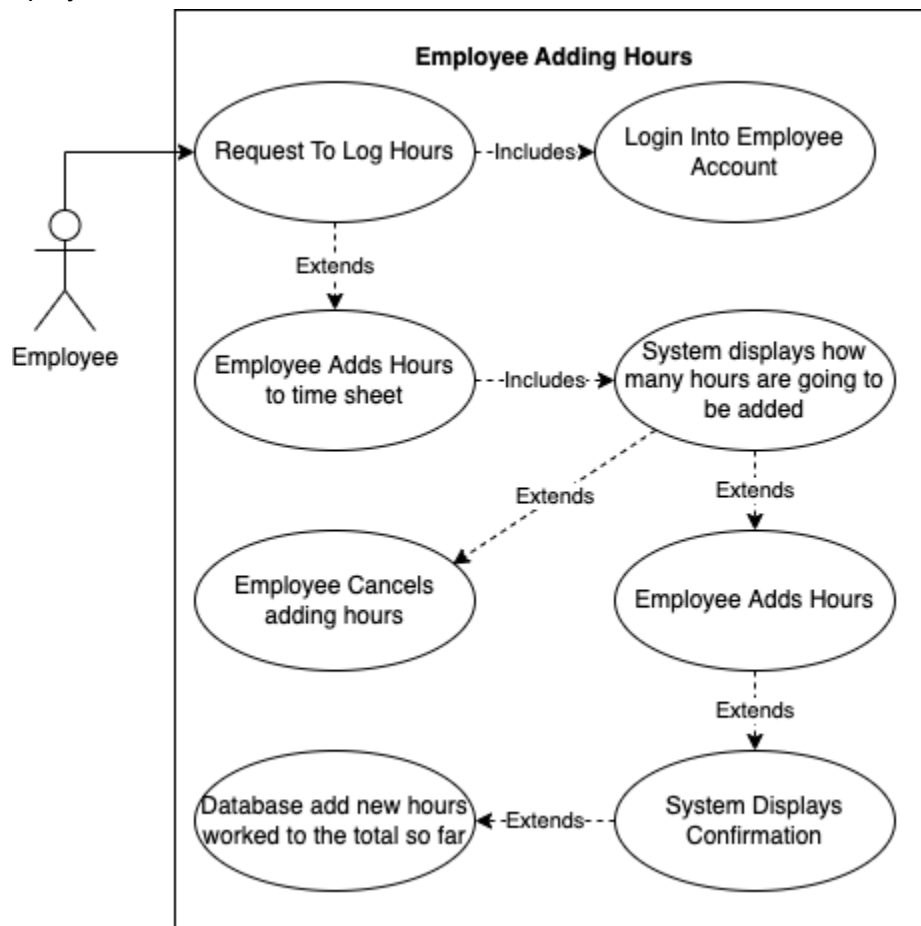
Exit Conditions:

- Cashier process processes the order
- Cashier doesn't process order

Event Flow:

1. Cashier wants to process an order
2. System pulls all unfulfilled orders
 - a. The system displays the order
 - b. System shows price of order and who ordered
3. Cashier selects which order to process
4. Cashier process order
 - a. System updates order status to readyToFullFill
 - b. System displays updated orders

Figure 7 - Employee Add Hours



Participating Actors: Employee - Barista, Cashier

Entry Conditions:

- Employee wants to update hours worked

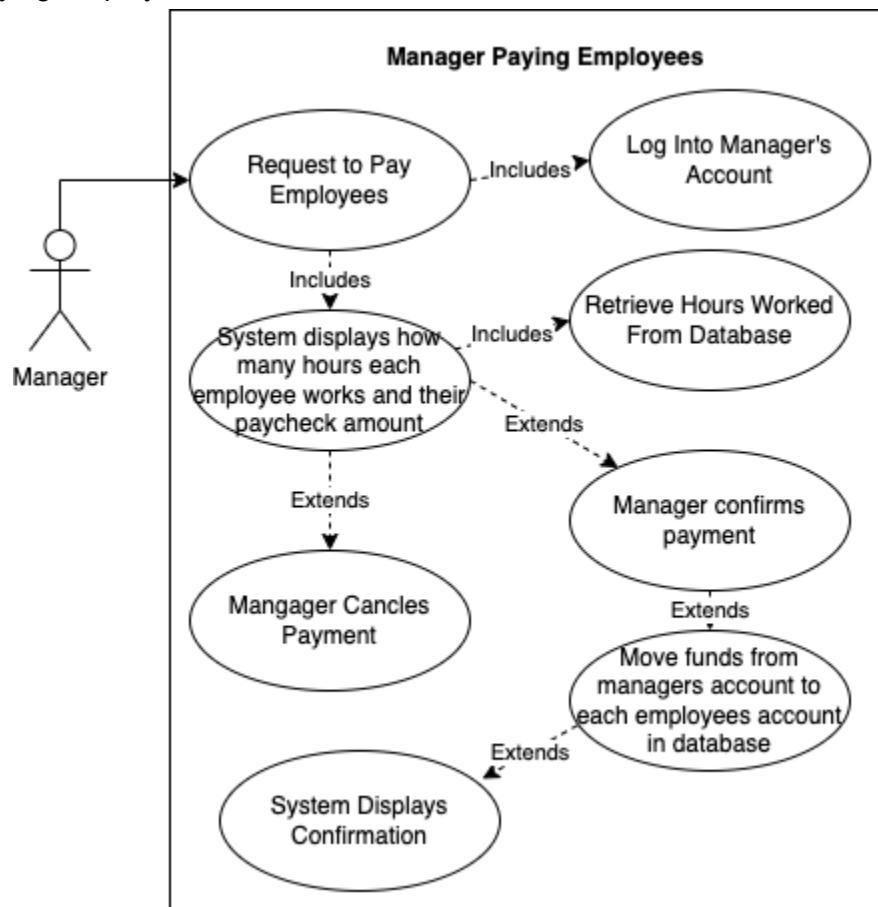
Exit Conditions:

- Employee Added hours
- Employee canceled adding hours

Event Flow:

1. Employee Logs in to their account
2. The employee adds the hours they worked
3. The system displays how many hours are going to be added
4. Employee completes adding them
5. The database is updated to add the new hours on top of whatever is there
6. The system Displays a Confirmation

Figure 8 - Paying Employees



Participating Actors: Manager, Employee

Entry Conditions:

- The manager wants to pay the employees

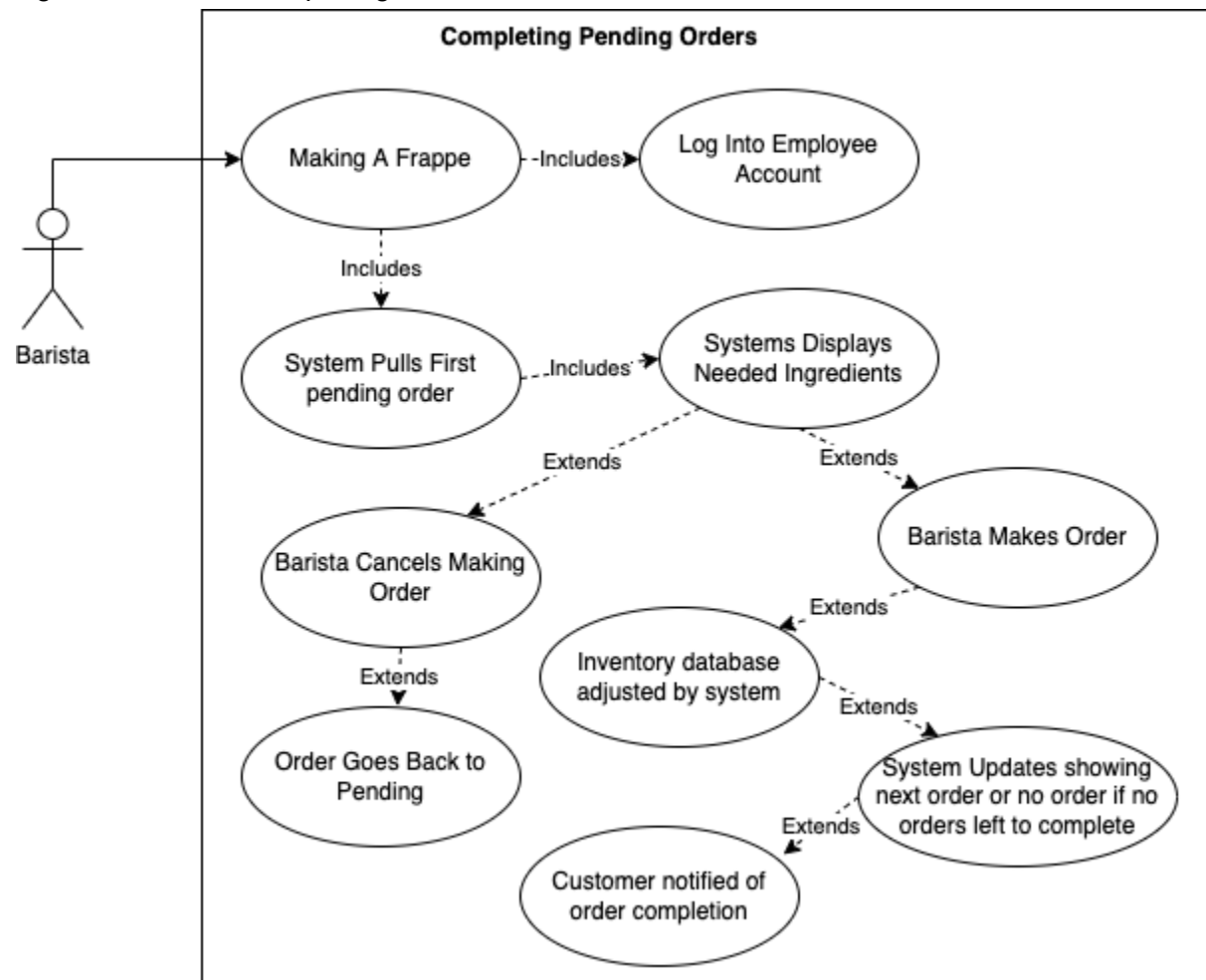
Exit Conditions:

- The manager pays the employees
- The manager doesn't pay the employees

Event Flow:

1. Manager logs into their account
2. System displays the hours each employee works and how much they will earn
3. The manager confirms the payment
4. Funds are directed from the manager's account to each employee and the database is updated
5. The system displays confirmation of the transaction

Figure 9 - Barista Completing Orders



Participating Actors: Barista, Customer

Entry Conditions:

- Barista wants to make a frappe of the pending orders

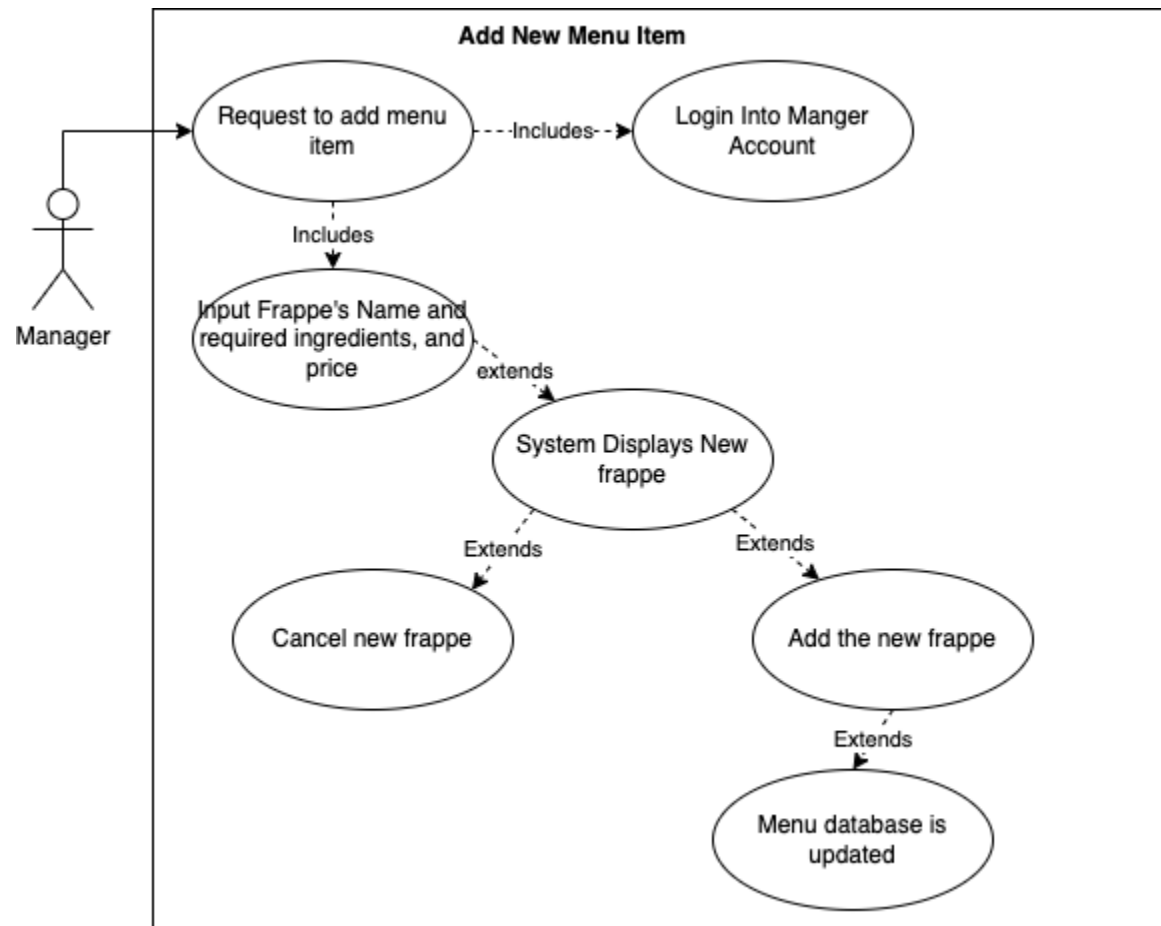
Exit Conditions:

- Barista Makes Frappe
- Barista Cancels making frappe
- No pending orders

Event Flow:

1. Barista logs into their account
2. Barista selects a frappe order
3. The system displays necessary ingredients
4. Barista makes the order
5. Inventory is adjusted in the database
6. Systems updates show next order or no order if all orders processed
7. The customer is notified of the finished frappe

Figure 10 - Adding A New Item to Menu



Participating Actors: Manager

Entry Conditions:

- The manager wants to edit the menu

Exit Conditions:

- The manager adds new item
- Manager removes item
- Manager changes their mind

Event Flow:

1. Manager Logs In
2. System Displays Menu
3. Manager Inputs a new frappe's name and required ingredients along with the price for the drink
4. The system displays new frappe
5. The manager confirms adding a new frappe
6. The menu is updated in the database/website