



Use Case: New Purchase

Goal: The customer's purchase is recorded in the system

Scope: Component

Level: ! (user goal)

Primary Actor: Owner, Customer

Brief: The customer makes a purchase and the details of the transaction are stored in the system.

Basic Flow:

1. The system provides an interface to the owner, allowing the owner to enter a customer purchase
 2. The owner itemizes each purchase item
 3. The system calculates the refill price, if applicable
 4. The system calculates the order total
 5. The system calculates the number of VIP points earned
 6. The system saves the customer order in the database
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Use Case: Calc Refill Cost

Goal: Calculate the customers cost of a refill

Scope: Component

Level: user goal

Primary Actor: Customer

Brief: The cost of a refill is calculated based on the customers current VIP status

Basic Flow:

1. It is determined that the customer is getting a refill as part of their purchase when the "Coffee Refill?" checkbox is selected
 2. Query the database to determine the customers VIP status
 3. Calculate the cost of the refill based on customers VIP status
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Use Case: New Pre Order

Goal: The customer successfully places a pre-order for a dessert

Scope: Component

Level: User Goal

Primary Actor: Customer

Brief: The customer can pre-order deserts up to a month in advance, if there are slots available

Basic Flow:

1. The customer is presented with a UI to determine the dessert name of the pre-order and the date desired
 2. The system will check the desert name to see if it is a best seller, and to determine if any preorder slots are available for the date desired
 - 2a. If there are preorder slots available, then the system saves the preorder, using the customers VIP card #
 - 2b. If there are no preorder slots available, then the system denies the preorder sale
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Use Case: Save Pre-Order

Goal: The system successfully saves a pre-order for a dessert

Scope: Component

Level: Subfunction

Primary Actor: Coffee Cart System

Brief: The system stores a pre-order for a specific dessert on a specific date

Basic Flow:

1. The system accepts the customer's information, the dessert name, and the date desired
 2. The system saves this information
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Use Case: Save Cust Purchase

Goal: The system successfully saves a customers purchase

Scope: Component

Level: Subfunction

Primary Actor: Coffee Cart System

Brief: The system saves an order made by a customer

Basic Flow:

1. The sytem accepts the customer's information, each item purchased, the total cost of each item, the date of the purchase
 2. The system saves this information
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Use Case: Calc Cust Status

Goal: The system successfully calculates and saves the customers VIP status

Scope: Component

Level: Subfunction

Primary Actor: Coffee Cart System

Brief: The system will calculate the customers VIP status based on the total number of VIP points earned

Basic Flow:

1. The system receives customer information
 2. The system calculates the 30 day total purchases, and the total purchases since the card became active (ie, the customers "memberSince" data)
 3. If the total number of VIP points equals or exceeds 5000, change the VIP status on the card# to GOLD, and return the customer status
 4. If the current status is not GOLD and the 30 day total of VIP points exceeds 500 then upgrade the VIP status for the card#
 5. If the current status is GOLD and the 30 day total of VIP points is less than 500 then downgrade the VIP status for the card#
 6. Return the customer status
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Use Case: Cust Purchase Hist

Goal: The system successfully returns all the purchases made by a customer

Scope: Component

Level: Subfunction

Primary Actor: Coffee Cart System

Brief: The system will return all purchases made by a particular customer

Basic Flow:

1. The system receives a customer's information
 2. The system pulls all saved sales information for this customer
 3. The system pulls all line item information for each sale
 4. The system returns all purchased information
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Use Case: Get Preorder

Goal: The system successfully returns all the preorders pending in the system, for a chosen date

Scope: Component

Level: Subfunction

Primary Actor: Coffee Cart System

Brief: The system will return all pending preorder information saved in the system for a chosen date

Basic Flow:

1. The system pulls all saved preorder information for a future date

2. The system returns all preorder information found

Use Case: Save Cust Info

Goal: The system will successfully save all customer information in the system

Scope: Component

Level: SubFunction

Primary Actor: Coffee Cart System

Brief: The system will save all customer attributes entered by the owner, or assigned by the system

Basic Flow:

1. The system receives all customer information that has been entered by the owner and/or generated by the system
 2. The system saves this information to the designated DB
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Use Case: Get Cust Info

Goal: The system will return all saved customer information for a given VIP card# (or Name?)

Scope: Component

Level: SubFunction

Primary Actor: Coffee Cart System

Brief: The system will retrieve all saved customer attributes for a given card#

Basic Flow:

1. The system receives the customer information
 2. The system looks up all attributes associated with this customer
 3. The system uses this information in the manage customer UI.
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Use Case: Delete Cust Info

Goal: The system will delete all saved customer attributes for a given VIP card# (or Name?)

Scope: Component

Level: Subfunction

Primary Actor: Coffee Cart System

Brief: The system will permanently remove all customer information for a given card#

Basic Flow:

1. The system receives a customer to delete
 2. The system asks for delete confirmation
 3. The system permanently removes all information associated with this customer
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Use Case: Add Customer

Goal: The system will successfully add a new customer

Scope: Component

Level: Subfunction

Primary Actor: Coffee Cart System

Brief: The system will add a new customer

Basic Flow:

1. The system presents the owner with a UI to collect all customer information
 2. The system saves all customer information
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Use Case: Edit Customer

Goal: The system will successfully update an existing customer's information

Scope: Component

Level: Subfunction

Primary Actor: Coffee Cart System

Brief: The system will update a customer's information

Basic Flow:

1. The system presents the owner with a UI, allowing the owner to choose from a list which customer to edit
 2. The system will retrieve all information for the selected customer
 3. The system will allow for edits on the prefilled information
 4. The system saves all customer information upon submit
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Use Case: View Customer Report

Goal: The system will successfully display customer information to the screen

Scope: Component

Level: Subfunction

Primary Actor: Owner

Brief: The system will display customer information to the screen

Basic Flow:

1. The owner is presented with a list of customers to choose from
 2. The system will generate a report listing the customers status, last 30 day point, and all time point totals.
 - 2a. The system will present a button to view the customer purchase history
 3. If the purchase history button is selected, the system will list a report of the customers purchase history
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Use Case: View Sales

Goal: The system will successfully display customer sales information to the screen

Scope: Component

Level: Subfunction

Primary Actor: Owner

Brief: The system will display customer information to the screen

Basic Flow:

1. The system will generate a list of all dates that had sales. The system will display these dates in a list in the UI.
 2. The owner will choose which date to view sales for
 - 2a. The system will then choose all customers who have made purchases on the selected date
 3. The owner will choose which customer to view sales for
 4. The system will generate a list of sales, including line items that the selected customer made on the selected date
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Use Case: View Preorders

Goal: The system will successfully display all pending preorders

Scope: Component

Level: Subfunction

Primary Actor: Owner

Brief: The system will display all pending preorders

Basic Flow:

1. The system will generate a list of all dates that have preorders. The system will display these dates in a list in the ui
2. The owner will choose which date to view preorders for
3. The system will generate a list of preorders, including item information for each preorder made for the selected date