

**Name:** Kristopher Neilsen

**Project:** Restaurant Ordering System

**Requirements:**

Requirement ID	Requirement Description	Topic Area	Actor	Priority
UR-008	As a Customer I want to be able to create a new order so that I can group together items that I wish to order from the Restaurant.	Order Management	Customer	High
UR-009	As a Customer I want to be able to add/remove menu items to/from my order.	Order Management	Customer	High
UR-010	As a Customer I want to be able to submit my order to the restaurant so that they can view it.	Order Management	Customer	High
UR-011	As a Customer I want to be able to view the order total so that I know how much I'm spending when I submit the order	Order Management	Customer	High
UR-014	As a Customer I want to be able to cancel an in-progress order so that I can start a new order.	Order Management	Customer	Medium
UR-018	As a Customer, I want to be able to view my full order history, so that I can see what I ate in the past.	Order Viewing	Customer	Medium

## Use Case Document(s):

### Create Order Use Case

<b>Use Case ID:</b>	UC-008
<b>Use Case Name:</b>	Create Order
<b>Description:</b>	Customer can create an order with menu items based on the menu of a restaurant.

<b>Actors:</b>	Customers		
<b>Pre-conditions:</b>	Customer has an account, is able to login to the system and view the restaurant menu and menu items on the menu.		
<b>Post-conditions:</b>	Customer's order is created and Customer is able to add/remove menu items to the order.		
<b>Frequency of Use:</b>	Daily by Customers		
<b>Flow of Events:</b>		<b>Actor Action</b>	<b>System Response</b>
	1	Log in to the system.	
	2	Click on Create Order in the navigation menu.	New order is started for the Customer.
	3	Click on View Menu and browse menu items.	List of menu items and prices are displayed to the user.
	4	Click to add a menu item to the order.	Selected Menu item is added to the Customer's order.
<b>Variations:</b>			
<b>Exceptions:</b>	2. If the customer doesn't have permission to create order, an error message should be displayed instead of creating an order.		
<b>Developer Notes:</b>			

### Submit Order Use Case

<b>Use Case ID:</b>	UC-010
<b>Use Case Name:</b>	Submit Order
<b>Description:</b>	Customer can submit an order to the restaurant and view the order total.

<b>Actors:</b>	Customers		
<b>Pre-conditions:</b>	Customer has an account, is able to login to the system and also has created an order.		
<b>Post-conditions:</b>	Customer can see order total and order is viewable by the restaurant staff.		
<b>Frequency of Use:</b>	Daily by Customers		
<b>Flow of Events:</b>		<b>Actor Action</b>	<b>System Response</b>
	1	Log in to the system.	
	2	Click on Resume Order in the navigation menu.	User is brought to the existing order page and order total is displayed..
	3	Click on Submit Order button.	Order status is changed to submitted and restaurant staff is able to view the order.
<b>Variations:</b>	2. Click My Order History and submit order through Order History screen.		
<b>Exceptions:</b>	3. If the restaurant is not currently open, an error message should be displayed instead of submitting the order to the restaurant and the customer should have to wait until the restaurant is open to submit.		
<b>Developer Notes:</b>			

#### Cancel Order Use Case

<b>Use Case ID:</b>	UC-014
<b>Use Case Name:</b>	Cancel Order
<b>Description:</b>	Customer can cancel an in-progress order before the order is submitted to the restaurant.

<b>Actors:</b>	Customers		
<b>Pre-conditions:</b>	Customer has an account, is able to login to the system and also has created an order.		
<b>Post-conditions:</b>	Order is removed from the system and the Customer can create a new order.		
<b>Frequency of Use:</b>	Daily by Customers		
<b>Flow of Events:</b>		<b>Actor Action</b>	<b>System Response</b>
	1	Log in to the system.	
	2	Click on Create order in the navigation menu.	User is brought to the existing order page and the in progress order is displayed.

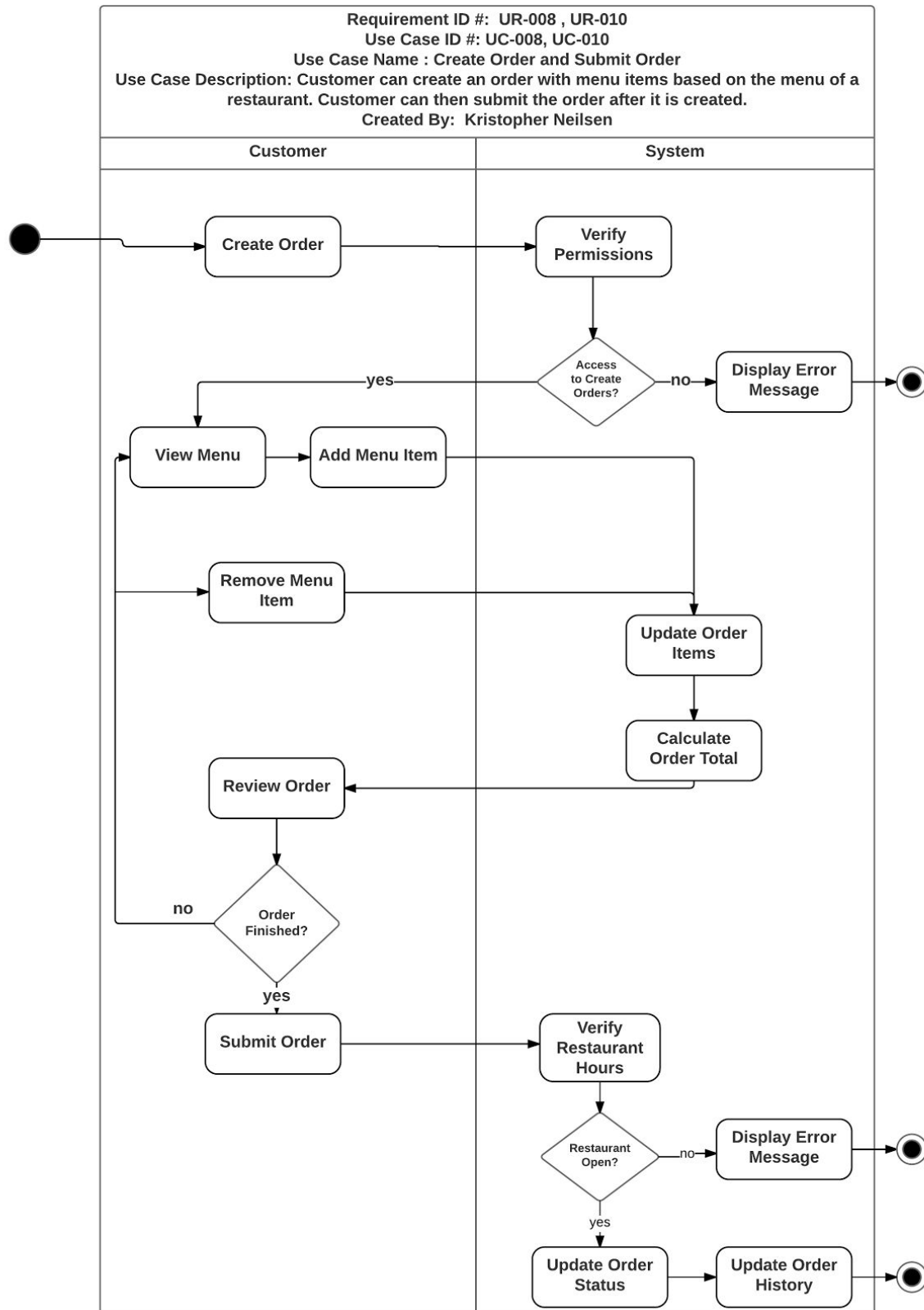
	3	Click on Cancel Order button.	Order is no longer displayed, removed from the order history and the user is taken out of the Order screen.
<b>Variations:</b>	2. Click My Order History and cancel order through Order History screen.		
<b>Exceptions:</b>			
<b>Developer Notes:</b>			

#### View Order History Use Case

<b>Use Case ID:</b>	UC-018
<b>Use Case Name:</b>	View Order History
<b>Description:</b>	Customer can view their own order history that displays information about their past orders.

<b>Actors:</b>	Customers		
<b>Pre-conditions:</b>	Customer has an account, is able to login to the system and also has created or submitted an order.		
<b>Post-conditions:</b>	Customer finds the orders that they have created and submitted in the past, and can view information about each past order.		
<b>Frequency of Use:</b>	Daily by Customers		
<b>Flow of Events:</b>		<b>Actor Action</b>	<b>System Response</b>
	1	Log in to the system.	
	2	Click on My Order History in the navigation menu.	User is brought to the order history page and any past orders are displayed for that customer.
<b>Variations:</b>			
<b>Exceptions:</b>			
<b>Developer Notes:</b>			

## Activity Diagram:



User Interactions(Sequence Diagram):

