CoffeeMaker Team Project: System Test Plan

Testing Overview/How to run Tests:
Run CoffeeMaker for each test with a clean startup (no orders pending, no orders fulfilled, fresh SQL schema), unless otherwise stated. This allows the system to be tested in the most basic state, to ensure proper functionality. All Tests will list Preconditions which must be met prior to starting the test. Each test has a list of steps that must be followed, and should result in something similar to what is in the "Expected Results" column.

Test Data Summary:
Must have a customer user named Sylbi with the password "password".
Must have a staff user named Helen with password "pass"

Test ID	Description	Expected Results	Actual Results
Test 1: Customer Logins in (Success)	1. User inputs Sylbi for Name 2. User inputs password for Password 3. User presses Login	User is redirected to the Customer Main Page	**User is redirected to the Customer Main Page and is able to view the "Order Beverage" and "Pickup Order Options"**
Test 2: Staff Logs in (Success)	1. User inputs Helen for Name 2. User inputs pass for Password	User is redirected to the staff display with the options to maintain inventory, and they can view and fulfill beverage orders	**User is redirected to the Staff Main Page and is able to view the abilities associated with a staff member**
Test 3: Invalid User Login	1. User inputs Sylbi for Name 2. User inputs pa%%word for Password	Screen refreshes to the login page	**The User does not move forward, and instead stays on the login page.**

Test 4: Staff Views Current Orders	Preconditions: User with the Staff Role is logged in and on Staff Display. 1. User selects option View/Fulfill Beverage Order	All current active orders are shown.	**When no orders have been created or are still waiting to be fulfilled, there will be no displayed orders. Whenever there are orders that have been submitted, they are displayed in a list format based on the recipe name.**
Test 5: Staff fulfills Order (Success)	Preconditions: User with the Staff Role is logged in. Order has been submitted by customer. 1. User selects Fulfill order 2. User selects one of the orders 3. User clicks "Fulfill Order" button	Selected order is removed from active orders.	**Selected order is removed from active orders.**
Test 6: Staff fulfills Order (No Selection, Failure)	Preconditions: User with the Staff Role is logged in. Order has been submitted by customer 1. Staff goes to Fulfill Order page 2. Staff clicks "Fulfill Order" button	Nothing happens because no orders are selected	**Nothing happens because no orders are selected**
Test 7: Staff fulfills Order (No Active Orders, Failure)	Preconditions: User with the Staff Role is logged in. 1. Staff goes to View/Fulfill Beverage Order page 2. Staff clicks "Fulfill Order" button	There are no orders displayed because there are none to fill	**There are no orders displayed because there are none to fill**
Test 8: Customer Picks Up Order When Order is Complete	Preconditions: User with the Customer Role is logged in. Order has been fulfilled by Staff. 1. Customer enters "Pickup Order" menu 2. Customer selects Order	After selecting the order to pick up and refreshing the page, it will no longer be displayed to pick up	**After selecting the order to pick up and refreshing the page, it will no longer be displayed to pick up**

	3. Customer clicks "Pickup" button		
Test 9: Customer Picks Up Order When Order is Pending	Preconditions: User with the Customer Role is logged in 1. Customer enters "Pickup Order" Menu 2. Customer clicks "Pickup" button	Error message is displayed with the message "Please select an order"	**Error message is displayed with the message "Please select an order"**
Test 10: View Order History	Preconditions: User with the Staff Role is logged in. Order has been submitted by customer 1. Staff enters Order History Page	A list of all the orders is listed with the order number, recipe name, and customer id.	**A list of all the orders is listed with the order number, recipe name, and customer id.**
Test 11: Staff Updates Inventory	Preconditions: User with the Staff Role is logged in 1. User selects Update Inventory 2. User enters valid values for ingredients 3. User clicks Update Inventory button	"Inventory Updated" message is displayed, and the values for the inventory have been updated.	**"Inventory Updated" message is displayed, and the values for the inventory have been updated.**
Test 12: User uses Incorrect Password for login	1. User enters Sylbi for Name 2. User enters passw0rd for Password	The user is redirected back to the login page in order to attempt to login again.	**The user is redirected back to the login page in order to attempt to login again.**