Use Case 7: Add Ingredients

Preconditions

User selected the "Add Ingredients" button from the menu [UC1]

Main Flow

1.The user will be show a list of the current ingredients in the Coffee Shop
2.The user enters the new ingredient they want to add to the coffee shop
3. The listing with the current ingredients is updated with the new ingredient given by the user
4. The user returns to the main menu [UC1]

Subflows

[remove Ingredient] A user can remove an ingredient from the shop, also removing any recipes that use that ingredient

[rename ingredient] A user can select an ingredient and provide a new name for it, also altering the name in any related recipes

Alternative Flows

[Invalid Ingredient] The ingredient being added should be a non-empty string that does not currently exist in the list. If the given ingredient is an empty string an error saying "Please enter an ingredient!" appears. If the given ingredient is already in the list, an error saying "We already have {insert name here}" appears. Both errors cause nothing to be added and the user returns to the add ingredients page.