List of Use Cases

These are use cases. They give descriptions of how an actor will interact with the system. For instance, most actors in this case will be a human and the name of the use case, along with the description states how the actor will interact. For example, Create Customer will have the primary actor being a new customer to create an account and their information being stored into the database. The reason why these use cases are considered high risk are because they deal with interactions involving information that is vital/personal to the database and customer. They are also considered high risk, because if problems occurred Karoline's business would be unable to function.

1) **Name**: Create Customer

    a) **Primary Actor**: New Customer

    b) **Brief Description**: The system needs to allow a new customer the ability to create an account, and store that new customer in the database.

2) **Name**: Update Customer

    a) **Primary Actor**: Existing Customer

    b) **Brief Description**: The system needs to allow an existing customer the ability to edit and/or update their information.

3) **Name**: Delete Customer

    a) **Primary Actor**: Karoline

    b) **Brief Description:** The system needs to allow Karoline the ability to delete a customer's account.

4) **Name:** Add Supplies

    a) **Primary Actor:** Karoline

    b) **Brief Description:** The system needs to allow Karoline to add new supplies for tracking purposes.

5) **Name:** Update Supplies

a) **Primary Actor:** Karoline

b) **Brief Description:** The system needs to allow Karoline to update supply amounts if they increase or decrease.

6) **Name:** Delete Supplies

a) **Primary Actor:** Karoline

b) **Brief Description:** The system needs to allow Karoline the ability to delete supplies from database that she no longer has or isn't using in her baking processes.

7) **Name:** Create Order

a) **Primary Actor:** Customer

b) **Brief Description:** The system needs to allow the customer the ability to create an order, and create a new order record in the database.

8) **Name:** Update Order

a) **Primary Actor:** Karoline

b) **Brief Description:** The system needs to allow Karoline the ability to change the customer's order if necessary and update the related order record in the database.

9) **Name:** Cancel Order

a) **Primary Actor:** Karoline

b) **Brief Description:** The system needs to allow Karoline the ability to cancel the customer's order if necessary and delete that order record from the database.

10) **Name:** Create Fulfillments

a) **Primary Actor:** Karoline

b) **Brief Description:** The system needs to allow Karoline the ability to create customer fulfillments in the database for efficient tracking.

11) **Name:** Update Fulfillments

   a) **Primary Actor:** Karoline

   b) **Brief Description:** The system needs to allow Karoline the ability to update customer fulfillments in the database to make tracking easier.

12) **Name:** Delete Fulfillments

   a) **Primary Actor:** Karoline

   b) **Brief Description:** The system needs to provide a way for Karoline to delete customer fulfillments in the database, on either their completion or cancellation.

13) **Name:** Add Fulfillment Options

   a) **Primary Actor:** Karoline

   b) **Brief Description:** The system needs to allow Karoline the ability to add more fulfillment options to the database, if she needs to offer more.

14) **Name:** Update Fulfillment Options

   a) **Primary Actor:** Karoline

   b) **Brief Description:** The system needs to allow for changes to be made to the fulfillment options her business offers.

15) **Name:** Delete Fulfillment Options

   a) **Primary Actor:** Karoline

   b) **Brief Description:** The system needs to allow Karoline the ability remove fulfillment options from her site and the database if need be.

16) **Name:** Create Dessert Types

a) **Primary Actor:** Karoline

b) **Brief Description:** The system needs to allow for Karoline to add new dessert types to the database, reflecting any new offerings Karoline may have.

17) **Name:** Update Dessert Types

a) **Primary Actor:** Karoline

b) **Brief Description:** The system needs to allow Karoline to update existing dessert types in the database, and have those updates reflected on the site.

18) **Name:** Delete Dessert Types

a) **Primary Actor:** Karoline

b) **Brief Description:** The system needs to allow Karoline to delete dessert types in the database and on her site.

19) **Name:** Create Cake Types

a) **Primary Actor:** Karoline

b) **Brief Description:** The system needs to allow Karoline the ability to create new types of cakes, and add those new types to the database and her site.

20) **Name:** Update Cake Types

a) **Primary Actor:** Karoline

b) **Brief Description:** The system needs to allow Karoline the ability to update existing cake types to reflect changes in her offerings, and have those changes reflected in the database and her site.

21) **Name:** Delete Cake Types

a) **Primary Actor:** Karoline

b) **Brief Description:** The system needs to allow Karoline the ability to delete existing cake types, and have those changes reflected in the database and her site.

22) **Name:** Create Dessert Flavors

    a) **Primary Actor:** Karoline

    b) **Brief Description:** The system needs to allow Karoline the ability to create new dessert flavors, and have those new flavors entered into the database as a new flavor record, and appear on the site as a new flavor option.

23) **Name:** Update Dessert Flavors

    a) **Primary Actor:** Karoline

    b) **Brief Description:** The system needs to allow Karoline the ability to update existing dessert flavors in the database and have those changes reflected on her site.

24) **Name:** Delete Dessert Flavors

    a) **Primary Actor:** Karoline

    b) **Brief Description:** The system needs to allow Karoline the ability to delete dessert flavors, and have those changes reflected in the database and on her site

25) **Name:** Create Flavor Types

    a) **Primary Actor:** Karoline

    b) **Brief Description:** The system needs to allow Karoline the ability to create new types of flavors, and those new types created in the database and shown on the site

26) **Name:** Update Existing Flavor Types

    a) **Primary Actor:** Karoline

b) **Brief Description:** The system needs to allow for Karoline to update flavor types in the database, and have those changes reflected on her site.

27) **Name:** Delete Existing Flavor Types

   a) **Primary Actor:** Karoline

   b) **Brief Description:** The system needs to allow for Karoline to delete flavor types in the database, and have those changes reflected on her site.

28) **Name:** Update Existing Desserts

   a) **Primary Actor:** Karoline

   b) **Brief Description:** The system should allow for Karoline to update a customer's specific dessert and make changes in the database during any consultation that may take place.

29) **Name:** Delete Existing Desserts

   a) **Primary Actor:** Karoline

   b) **Brief Description:** The system should allow for Karoline to delete a customer's dessert from the database in the event the customer wishes to cancel their order.

30) **Name:** Create Payment Types

   a) **Primary Actor:** Karoline

   b) **Brief Description:** The system should allow for Karoline to create new forms of payment types for customers, so payment types like card, cash, check, etc…

31) **Name:** Update Payment Types

   a) **Primary Actor:** Karoline

   b) **Brief Description:** The system should allow for Karoline to update the types of payments she is willing to take from customers.

32) **Name:** Delete Payment Types

   a) **Primary Actor:** Karoline

   b) **Brief Description:** The system should allow for Karoline to delete payment types she no longer wants to accept from customers.

33) **Name:** Create Supply Expense

   a) **Primary Actor:** Karoline

   b) **Brief Description:** The system should allow for Karoline to create new expense entries to more accurately track her expenses on supplies.

34) **Name:** Update Supply Expense

   a) **Primary Actor:** Karoline

   b) **Brief Description:** The system should allow for Karoline to update her existing supply expense records to accurately reflect her expenses and fix any discrepancies.

35) **Name:** Delete Supply Expense

   a) **Primary Actor:** Karoline

   b) **Brief Description:** The system should allow for Karoline to delete existing supply expense records in the event there was an erroneous expense record created.

36) **Name:** Sign-In Customer

   a) **Primary Actor:** Customer

   b) **Brief Description:** The system needs to allow a customer the ability to sign-in to their account.

37) **Name:** Sign-Out Customer

a) **Primary Actor:** Customer

b) **Brief Description:** The system needs to allow a customer the ability to sign-out of their account.

38) **Name:** Create Payment

a) **Primary Actor:** Customer

b) **Brief Description:** The system needs to allow a customer the ability to pay for their order.

39) **Name:** Update Payment

a) **Primary Actor:** Karoline

b) **Brief Description:** The system needs to allow Karoline the ability to update the customer's payment if changes occur to their order.

40) **Name:** Delete Payment

a) **Primary Actor:** Karoline

b) **Brief Description:** The system needs to allow Karoline the ability to delete the customer's payment if they cancel their order. This allows for refund possibilities as well.

41) **Name:** Secure Customer Information

a) **Primary Actor:** Customers and Karoline

b) **Brief Description:** The system needs to ensure that secure handling of customer information during account creation or order fulfillment.

42) **Name:** Secure Customer Financial Information

a) **Primary Actor:** Payment Management System

b) **Brief Description:** The system needs to ensure the safe handling of sensitive financial information during order processing.

43) **Name:** Sensible Customer Experience

    a) **Primary Actor:** Customers

    b) **Brief Description:** The system needs to be responsive and perform well for customers.

44) **Name:** Sensible Administrator Experience

    a) **Primary Actor:** Karoline

    b) **Brief Description:** The system needs to be responsive and respond accordingly for Karoline when she modifies various aspects of the system.

45) **Name:** Reliable Performance

    a) **Primary Actor:** Customers and Karoline

    b) **Brief Description:** The system needs to be reliable to ensure Sweet Karoline's business continuity, and allow for orders to be placed and desserts to be bought.

46) **Name:** Website Compatibility

    a) **Primary Actor:** Customers

    b) **Brief Description:** The system needs to ensure the website performs well on various browsers

47) **Name:** Scalability

    a) **Primary Actor:** Karoline

    b) **Brief Description:** The system shall be scalable to meet customer and administrator demands as the business grows.

48) **Name**: Browse Products and Information

a) **Primary Actor**: Customers

b) **Brief Description:** The system needs to allow for customers to view and browse products in an easy and informative way.

49) **Name:** Track Expenses

a) **Primary Actor:** Karoline

b) **Brief Description:** The system should allow for Karoline to track her business expenses using her existing financial tool.