**Test Cases & Results**

**Test Case 1: Add Recipe**

* **Description:** Add a new pizza recipe to the system.
* **Steps:**
  1. Choose option 1 (Add Recipe) from the menu.
  2. Enter a unique recipe name.
  3. Enter a category for the recipe.
  4. Enter ingredients (comma-separated).
* **Expected Outcome:** Recipe is added successfully.
* A screen shot of a computer program

  Description automatically generated

**Test Case 2: Edit Recipe**

* **Description:** Edit an existing pizza recipe.
* **Steps:**
  1. Choose option 2 (Edit Recipe) from the menu.
  2. Enter the name of an existing recipe.
  3. Optionally, change the category and/or ingredients.
* **Expected Outcome:** Recipe is updated successfully.
* A screenshot of a computer program

  Description automatically generated

**Test Case 3: Delete Recipe**

* **Description:** Delete an existing pizza recipe.
* **Steps:**
  1. Choose option 3 (Delete Recipe) from the menu.
  2. Enter the name of an existing recipe.
* **Expected Outcome:** Recipe is deleted successfully.
* A screen shot of a computer program

  Description automatically generated

**Test Case 4: Categorize Recipes**

* **Description:** Display available recipe categories.
* **Steps:**
  1. Choose option 4 (Categorize Recipes) from the menu.
* **Expected Outcome:** List of available categories is displayed.
* A screenshot of a computer program

  Description automatically generated

**Test Case 5: Search Recipe**

* **Description:** Search for recipes based on a keyword.
* **Steps:**
  1. Choose option 5 (Search Recipe) from the menu.
  2. Enter a keyword.
* **Expected Outcome:** Matching recipes are displayed.
* A screenshot of a menu

  Description automatically generated

**Test Case 6: Display Ingredient Inventory**

* **Description:** Display the current inventory of ingredients.
* **Steps:**
  1. Choose option 6 (Display Ingredient Inventory) from the menu.
* **Expected Outcome:** Ingredient inventory is displayed.
* A screenshot of a menu

  Description automatically generated

**Test Case 7: Display Standard Pizza Menu**

* **Description:** Display the standard pizza menu.
* **Steps:**
  1. Choose option 7 (Display Standard Pizza Menu) from the menu.
* **Expected Outcome:** Standard pizza menu is displayed.
* A screenshot of a computer program

  Description automatically generated

**Test Case 8: Customize Pizza Order**

* **Description:** Customize a pizza order.
* **Steps:**
  1. Choose option 8 (Customize Pizza Order) from the menu.
  2. Select pizza base, sauce, toppings, and additional ingredients.
* **Expected Outcome:** Customized pizza order is displayed.
* A screenshot of a computer program

  Description automatically generated

**Test Case 9: Display Side Dish Menu**

* **Description:** Display the side dish menu.
* **Steps:**
  1. Choose option 9 (Display Side Dish Menu) from the menu.
* **Expected Outcome:** Side dish menu is displayed.
* A screenshot of a computer program

  Description automatically generated

**Test Case 10: Process Order**

* **Description:** Process a pizza order.
* **Steps:**
  1. Choose option 10 (Process Order) from the menu.
  2. Add standard pizzas.
  3. Customize a pizza.
  4. Add side dishes.
* **Expected Outcome:** Order is processed successfully.

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

A computer screen with white text

Description automatically generated