**SEQUENCE DIAGRAMS**







**CLASS DIAGRAM**



**SYSTEM TEST PLAN**

**Testing Strategy**

System Testing will include testing of the system’s functionality; we will do thorough testing of every input in the application to check the desired outputs. We will be testing the user’s experience with the application.

**Test case number**: 1

**Test case title**: Take an order, before the manager defines a menu.

**Module being tested**: Take Order.

**Importance**: Required for other functionality in system

**Instruction**:

1. Log in as Cashier

2. Select Take Order from the menu.

**Expected result**: The cashier should not be able to click take order. There should be a message on clicking the take order button saying, there are no items in the menu to choose from, contact the manager.”

**Cleanup**:

1. To change the Menu then go to Edit Menu

2. To clean up the data, terminate the program

**Test case number**: 2

**Test case title**: Delete an order.

**Module being tested**: View Order

**Importance**: Required for other functionality in system

**Instruction**:

1. From the home screen of the manager and the cashier, click on the ‘View Orders’ button.
2. Put order id and click ‘Get Order’ button.
3. Click on the ‘Manager’ option.
4. Manager’s login is required to delete the order displayed.
5. Manager logs in.
6. Click on the ‘Cancel Order’ option.

**Expected result**: The order should get deleted.

**Cleanup**:

To clean up the data, terminate the program

**Test case number**: 3

**Test case title**: Set Pizza Type, Size and Price in Define Menu

**Module being tested**: Define Menu

**Importance**: Required for other functionality in system

**Instruction**:

1. Log in as manager

2. Click on the Define Menu option

3. Select Pizza Size.

4. Enter Pizza Size name and price

5. Click on the ‘Add More’ option to add item and price to Menu

6. Click on the ‘Done’ when finish adding.

**Expected result**: Pizza Type with Size and Price are added to the list of Menu

**Cleanup**:

1. To change the Menu again, go to Edit Menu

2. To clean up the data, terminate the program

**Test case number:** 4

**Test case title**: Remove Pizza Size

**Module being tested**: Edit Menu

**Importance**: Required for other functionality in system

**Instruction**:

1. Log in as Manager

2. Click on the ‘Edit Menu’ option

3. Select ‘Pizza Size’

4. Select ‘Pizza Size’ check box

5. Select ‘Delete Selected’ option to delete the item from the Menu

6. Click on the ‘Done’ option when finished deleting.

**Expected result**: Item gets deleted from the Menu.

**Cleanup**:

1. To clean up the data, terminate the program

**Test case number**: 5

**Test case title**: Set Pizza Crust and Price in Define Menu

**Module being tested**: Define Menu

**Importance**: Required for other functionality in system

**Instruction**:

1. Log in as Manager

2. Click on the ‘Define Menu’ option.

3. Select ‘Pizza Crust’.

4. Enter the ‘Name’ and ‘Price’ fields.

5. Click on the ‘Add More’ option to add more crust options and price to the Menu.

6. Click on the ‘Done’ when finish adding.

**Expected result**: Pizza Crust and Price are added to the list of Menu

**Cleanup**:

1. To change the Menu again, go to Edit Menu

2. To clean up the data, terminate the program

**Test case number:** 6

**Test case title**: Remove Pizza Crust

**Module being tested**: Edit Menu

**Importance**: Required for other functionality in system

**Instruction**:

1. Log in as Manager.

2. Click on the ‘Edit Menu’ option.

3. Select ‘Pizza Crust’

4. Select the check boxes for all the items to be deleted.

5. Select ‘Delete Selected’ option to delete item and price from the Menu.

6. Click on the ‘Done Editing’ when finished editing.

**Expected result**: Pizza Crust is deleted from the list in the Menu

**Cleanup**:

1. To clean up the data, terminate the program

**Test case number:** 7

**Test case title**: Add items: Pizza Topping / Breadstick Size / Breadstick Type/ Drink Size/ Drink Type.

**Module being tested**: Define Menu

**Importance**: Required for other functionality in system

**Instruction**:

1. Log in as Manager

2. Click on the ‘Define Menu’ option.

3. Click on the Pizza Topping / Breadstick Size / Breadstick Type/ Drink Size/ Drink Type options to add these items.

4. Click on the “Add more” option to add more items.

5. Enter name and the price of the items to be added

6. Click on the “Done” option to add items and their prices to the Menu.

**Expected result**: The items added get added to the Menu.

**Cleanup**:

1. To clean up the data, terminate the program

**Test case number:** 8

**Test case title**: Remove items: Pizza Topping / Breadstick Size / Breadstick Type/ Drink Size/ Drink Type.

**Module being tested**: Edit Menu

**Importance**: Required for other functionality in system

**Instruction**:

1. Log in as Manager

2. Click on the ‘Edit Menu’ option.

3. Click on the Pizza Topping / Breadstick Size / Breadstick Type/ Drink Size/ Drink Type options to edit these items.

4. Select the check boxes for all the items to be deleted.

5. Select ‘Delete Selected’ option to delete item and price from the Menu.

6. Click on the ‘Done Editing’ when finished editing.

**Expected result**: Items get deleted from the Menu

**Cleanup**:

1. To clean up the data, terminate the program

**Test case number:** 9

**Test case title**: Set Special

**Module being tested**: Set some item as Special in the Menu

**Importance**: Required for other functionality in system

**Instruction**:

1. Log in as Manager

2. Click on the ‘Set Special’ option

3. Select Pizza, Bread stick, Drink

4. Select Special Name and Price

5. Click ‘Confirm ‘option to add item as a special to the Menu

6. Click ‘Done’ when finished.

**Expected result**: A special gets added to the Menu

**Cleanup**:

1. To clean up the data, terminate the program

**Test case number:** 10

**Test case title**: View Orders

**Module being tested**: View the outstanding orders.

**Importance**: Not required for other functionality in system

**Instruction**:

1. Log in as Manager

2. Click on the View Order option

3. Put the order ID and click on the ‘Get Order’ button.

**Expected result**: Manager is able to see all the outstanding orders

**Cleanup**:

1. To clean up the data, terminate the program

**Test case number:** 11

**Test case title**: View Special

**Module being tested**: View Special Order from the Menu

**Importance**: Not required for other functionality in system

**Instruction**:

1. Log in as Cashier

2. Click on the ‘View Special’ option

**Expected result**: Cashier is able to see the special item in the Menu.

**Cleanup**:

1. To clean up the data, terminate the program

**Test case number:** 12

**Test case title**: View Order- cashier’s interface.

**Module being tested**: View the outstanding orders

**Importance**: Not required for other functionality in system

**Instruction**:

1. Log in as Cashier

2. Click on the View Order option

3. Put the order ID and click on the ‘Get Order’ button.

**Expected result**: Cashier is able to see the available orders

**Cleanup**:

1. To clean up the data, terminate the program

**Test case number:** 13

**Test case title**: Take Order

**Module being tested**: Take Order

**Importance**: Required in the system

**Instruction**:

1. Log in as Cashier

2. Click on the ‘Take Order’ option

3. Enter customer name and number

4. Select a type from the ‘Order Type’ option.

5. Add the items from the Pizza/ Bread Sticks/ Drinks/ Special as per the customer needs.

6. Click on ‘Confirm’ to confirm the order

**Expected result**: Cashier is able to select all the items as per the customer needs.

**Cleanup**:

1. To clean up the data, terminate the program

**Test case number:** 14

**Test case title**: Delete items from the ‘Take Order’

**Module being tested**: Take Order

**Importance**: Required in system

**Instruction**:

1. Log in as Cashier

2. Click on the ‘Take Order’ option

3. Enter the Customer Name and Number

4. Click on the Order Type

5. Add the items from the Pizza/ Bread Sticks/ Drinks/ Special as per the customer needs.

6. Select the check boxes of the items to be deleted.

7. Click on the ‘Delete Selected’ button to remove the items.

**Expected result**: Cashier is able to remove the items from the current order.

**Cleanup**:

1. To clean up the data, terminate the program

**Test case number:** 15

**Test case title**: Total amount for Take Order

**Module being tested**: Take Order

**Importance**: Required in system

**Instruction**:

1. Log in as Cashier

2. Click on the Take Order option

3. Enter the Customer Name and the Number

4. Choose an Order Type

5. Add the items from the Pizza/ Bread Sticks/ Drinks/ Special as per the customer needs.

6. Proceed to the ‘Payment’ page by clicking on the ‘Confirm’ button.

**Expected result**: The total amount for the current order including the taxes is displayed on the payment screen.

**Cleanup**:

1. To clean up the data, terminate the program

**Test case number:** 16

**Test case title**: Pay By Cash on Payments Screen

**Module being tested**: Take Order

**Importance**: Required in the system

**Instruction**:

1. Log in as Cashier

2. Click on the ‘Take Order’ option

3. Enter the Customer Name and the Number

4. Choose an Order Type

5. Add the items from the Pizza/ Bread Sticks/ Drinks/ Special as per the customer needs.

6. Proceed to the ‘Payment’ page by clicking on the ‘Confirm’ button.

7. Enter discount coupon if applicable.

8. Click on the ‘Pay by Cash’ Option

9. Enter the amount tendered.

10. See the return cash amount by clicking ‘Calculate Change’ option.

11. Click ‘OK’ to place the order.

**Expected result**: ‘Return Cash’ should be displayed correctly with the correct amount and the transaction is complete after clicking the ‘OK’ button.

**Cleanup**:

1. To clean up the data, terminate the program

**Test case number:** 17

**Test case title**: Pay by Card on the Payments Screen

**Module being tested**: Take Order

**Importance**: Required in system

**Instruction**:

1. Log in as Cashier

2. Click on the ‘Take Order’ option

3. Enter the Customer Name and the Number

4. Choose an Order Type

5. Add the items from the Pizza/ Bread Sticks/ Drinks/ Special as per the customer needs.

6. Proceed to the ‘Payment’ page by clicking on the ‘Confirm’ button.

7. Enter discount coupon if applicable.

8. Click on the ‘Pay by Card’ Option

9. Enter the card details- Card holder’s name, card number and the valid through date.

10. Click ‘OK’

**Expected result**: The Customer details are verified and the transaction is complete.

**Cleanup**:

1. To clean up the data, terminate the program

**Test case number:** 18

**Test case title**: View Order- Chef’s interface

**Module being tested**: View Order

**Importance**: required in system

**Instruction**:

1. Log in as Chef

2. Select the current order and mark it as complete when done.

**Expected result**: Order gets removed from the list once ‘Order Complete’ button is pressed.

**Cleanup**:

1. To clean up the data, terminate the program

**Test case number:** 19

**Test case title**: Cancel the Order using Manager over-ride

**Module being tested**: View Order

**Importance**: Required in system

**Instruction**:

1. Log in as Chef

2. Click on the ‘Manager Override’ option

3. Enter the order number

4. Select ‘Manager’ and enter the credentials

5. Click on the ‘Cancel Order’ button.

**Expected result**: Order should get deleted from the order list

**Cleanup**:

1. To clean up the data, terminate the program