**Use Case Name:** Customer Log In

**Unique Identifier:** 1

**Actor:** Customer

**Description:** ‘Guest’ Customer wants to log in to their account

**Trigger:** Customer presses the Login button on Main Menu

**Type(temporal or external):** external

**Pre-conditions:**

**Normal Course:**

Customer starts session at main menu…

presses ‘Login’ button

**Post-conditions:**

Customer can access account information

**Exceptions:**

Invalid username or password when attempting to log in.

**Notes/Issues:**

**Use Case Name:** Customer Create Account

**Unique Identifier:** 2

**Actor:** Customer (Guest)

**Description:** A Customer wants to create an account for convenience when ordering in the future.

**Trigger:** Customer presses ‘Create Account’ button

**Type(temporal or external):** external

**Pre-conditions:**

Customer does not have an account.

**Normal Course:**

Customer starts session at main menu…

presses ‘Create Account’ button,

enters information into form

**Post-conditions:**

A new account is created for Customer

**Exceptions:**

Invalid or incomplete information is provided.

Customer already exists in database

**Notes/Issues:**

**Use Case Name:** Customer Update Account

**Unique Identifier:** 3

**Actor:** Customer

**Description:**  Registered Customer wants to change account information

**Trigger:** Customer presses ‘Update Account’ button

**Type(temporal or external):** external

**Pre-conditions:**

Customer does not have an account.

**Normal Course:**

Customer starts session at main menu…

Customer is logged in

presses ‘Update Account’ button,

enters information into form

**Post-conditions:**

Account info is updated in the database

**Exceptions:**

Invalid or incomplete information is provided.

**Notes/Issues:**

**Use Case Name:** Menu Choose Category

**Unique Identifier:** 4

**Actor:** All

**Description:** From the first menu screen, user is able to select the type of food (category) to view.

**Trigger:** User chooses ‘guest’ or has successfully logged in to account

**Type(temporal or external):** external

**Pre-conditions:**

User is a ‘guest’ or ‘registered user’

**Normal Course:**

From the First menu…

A list of food categories is displayed on the screen in the form of a button.

User presses the button of the category they want to view

**Post-conditions:**

A new page is displayed with all the items on that particularly menu(i.e. all pizzas)

**Exceptions:**

None

**Notes/Issues:**

**Use Case Name:** Menu Item Read Detail

**Unique Identifier:** 5

**Actor:** User

**Description:** When User selects a menu item from a menu, display the details and ingredients for the selected menu item.

**Trigger:** User clicks on a menu item from the menu.

**Type(temporal or external):** external

**Pre-conditions:**

User has selected a menu with a list of menu items.

**Normal Course:**

User presses the button of the menu item they want to view

**Post-conditions:**

A new page is displayed with all details and ingredients of that particular menu item.

**Exceptions:**

None

**Notes/Issues:**

**Use Case Name:** Menu Item Update Menu Item

**Unique Identifier:** 6

**Actor:** User

**Description:** When User selects a menu item from the menu, and the details page is displayed, the User should be able to select/deselect ingredients on that particular menu item.

**Trigger:** User clicks on a menu item from the menu

**Type(temporal or external):** external

**Pre-conditions:**

User has selected a menu with a list of menu items.

**Normal Course:**

User presses the button of the menu item they want to view.

User is able to select/deselect the ingredients they want on that particular menu item.

**Post-conditions:**

The menu item’s ingredients are updated per User’s desire

**Exceptions:**

None

**Notes/Issues:**

**Use Case Name:** Add Menu Item to Order

**Unique Identifier:** 7

**Actor:** User

**Description:** When a User would like to add a menu item to the order, the User clicks the ‘Add to Order’ button. Order is then updated with the new menu item.

**Trigger:** User clicks the ‘Add to Order’ button

**Type(temporal or external):** external

**Pre-conditions:**

User has selected a menu with a list of menu items.

User has selected a menu item to view.

**Normal Course:**

User presses the button of the menu item they want to add to the Order

**Post-conditions:**

Order is updated with the menu item added.

**Exceptions:**

None

**Notes/Issues:**

**Use Case Name:** Remove Menu Item from Order

**Unique Identifier:** 8

**Actor:** User

**Description:** When a User wants to remove an item from their order, they may do so.

**Trigger:** User clicks a button ‘Remove From Order’ of the menu item to be removed.

**Type(temporal or external):** external

**Pre-conditions:**

User has a menu item in the order

**Normal Course:**

User clicks a button ‘Remove From Order’ of the menu item to be removed.

**Post-conditions:**

Menu item is removed from Order.

**Exceptions:**

none

**Notes/Issues:**

**Use Case Name:** Update Quantity of Menu Item in Order

**Unique Identifier:** 9

**Actor:** User

**Description:** When a User wants to change the quantity of menu items in the order, they may do so by entering the new amount and clicking the ‘Update Qty’ button.

**Trigger:** User enters a new amount in a form field and clicks the ‘Update Qty’ button.

**Type(temporal or external):** external

**Pre-conditions:**

User has a menu item in Order that wants the quantity updated

**Normal Course:**

Enter new amount of menu item in form field and clicking the ‘Update Qty’ button.

**Post-conditions:**

Menu item quantity is updated to the new amount

**Exceptions:**

If User enters an amount less than 0 or more than 100,

**Notes/Issues:**

**Use Case Name:** Delete (reset to null) current Order

**Unique Identifier:** 10

**Actor:** User

**Description:** When a User wants to delete everything in the Order and start over, they may do so by pressing a button.

**Trigger:** User clicks the ‘Empty Cart’ button

**Type(temporal or external):** external

**Pre-conditions:**

User has more than zero menu items in Order

**Normal Course:**

User clicks the ‘Empty Cart’ button

**Post-conditions:**

Order is empty and the Menu Category screen is displayed so the User can start again.

**Exceptions:**

User attempts to empty an Order that has no menu items

**Notes/Issues:**

**Use Case Name:** User Checkout Order

**Unique Identifier:** 11

**Actor:** User

**Description:** When the User is done selecting menu items to add to the Order, they will review the Order then press the ‘Checkout’ button

**Trigger:** User presses the ‘Checkout’ button

**Type(temporal or external):** external

**Pre-conditions:**

Order must have more than zero menu items

**Normal Course:**

Order is populated with more than zero menu items.

User presses the ‘Checkout’ button

**Post-conditions:**

Payment screen is displayed

**Exceptions:**

**Notes/Issues:**

**Use Case Name:** User Credit Card Payment for Order

**Unique Identifier:** 12

**Actor:** User

**Description:** When a User has confirmed the Order, will be prompted to pay by credit card on file.

**Trigger:** User presses the ‘Make Payment Credit’ button

**Type(temporal or external):** external

**Pre-conditions:**

User has confirmed the Order details, and payment information

**Normal Course:**

User confirms that the Order details are correct

User selects the Credit payment type

User presses the ‘Checkout’ button

**Post-conditions:**

Payment processing occurs for the amount of Order

Display page ‘Thanks for Your Order’

**Exceptions:**

If payment is rejected, return User to main menu with message.

**Notes/Issues:**

**Use Case Name:** User Cash Payment for Order

**Unique Identifier:** 13

**Actor:** User

**Description:** When User has confirmed the Order, will be prompted to pay at the cashier

**Trigger:** User presses the ‘Make Payment Cash’ button

**Type(temporal or external):** external

**Pre-conditions:**

User has confirmed the Order details, and payment information

**Normal Course:**

User confirms that the Order details are correct

User selects the Cash payment type

User presses the ‘Checkout’ button

**Post-conditions:**

Display page ‘Thanks for Your Order’ and pay at cashier

**Exceptions:**

none

**Notes/Issues:**

**Use Case Name:** Post Checkout Dialogue

**Unique Identifier:** 14

**Actor:** User

**Description:** After Users’ payment has been accepted/ processed, show the User final Order info and a thank you message.

**Trigger:** Payment successful

**Type(temporal or external):** external

**Pre-conditions:**

Checkout was successful

**Normal Course:**

Display Order Information

Display thank you message

**Post-conditions:**

Clear User from session

Display main menu

**Exceptions:**

none

**Notes/Issues:**

**Use Case Name:** Employee Read Order

**Unique Identifier:** 15

**Actor:** Employee

**Description:** After an Oder has been processed, it is sent to the kitchen where it can be viewed and work can be started on it.

**Trigger:** When an Order is successfully process.

**Type(temporal or external):** external

**Pre-conditions:**

Order was successfully processed

**Normal Course:**

Display Order details on a monitor where an Employee can view it

**Post-conditions:**

Order details is displayed on a monitor where an Employee can view it

**Exceptions:**

none

**Notes/Issues:**

**Use Case Name:** Employee Update Order

**Unique Identifier:** 16

**Actor:** Employee

**Description:** After an Oder has been processed, it is sent to the kitchen where it can be viewed and work can be started on it. An employee then takes the order from the queue and changes its status to ‘in progress’

**Trigger:** When an Order is successfully process.

**Type(temporal or external):** external

**Pre-conditions:**

Order was successfully processed

**Normal Course:**

Display Order details on a monitor where an Employee can view it.

Take that Order and change the status.

**Post-conditions:**

Order status has been updated to reflect the new status

**Exceptions:**

none

**Notes/Issues:**

**Use Case Name:** Employee Delete Order

**Unique Identifier:** 17

**Actor:** Employee

**Description:** After an Oder has been processed, it is sent to the kitchen where it can be viewed and work can be started on it. If an Order can’t be fulfilled for some reason, or the User needs to cancel it, an Employee can delete the Order

**Trigger:** When an Employee presses the ‘Delete Order’ button

**Type(temporal or external):** external

**Pre-conditions:**

Order was successfully processed

**Normal Course:**

Display Order details on a monitor where an Employee can view it.

Take that Order and delete it.

**Post-conditions:**

Order has been deleted

**Exceptions:**

If Order has made it out of the kitchen, it may not be deleted.

**Notes/Issues:**

**Use Case Name:** Employee Admin Create Order

**Unique Identifier:** 18

**Actor:** Employee Admin

**Description:** Every so often new menus need to be created to keep the customers interested.

**Trigger:** When logged into an Admin account, the Admin can press the Create New Menu button. This will start the dialogue to fill in the required items.

**Type(temporal or external):** external

**Pre-conditions:**

Logged in as Admin

**Normal Course:**

Show a list of the menus and be able to create a new one

**Post-conditions:**

The newly added menu will be available to read from the list.

**Exceptions:**

Invalid data entry

**Notes/Issues:**

**Use Case Name:** Employee Admin Update Menu

**Unique Identifier:** 19

**Actor:** Employee Admin

**Description:** After an order has been created, it will eventually be necessary to change the content (including prices).

**Trigger:** When an Admin Employee presses the ‘Update Order’ button

**Type(temporal or external):** external

**Pre-conditions:**

Logged in as Admin

There is an order to update

**Normal Course:**

Create a new menu item

**Post-conditions:**

Changes are made

**Exceptions:**

Invalid data entry

**Notes/Issues:**

**Use Case Name:** Employee Admin Delete Menu

**Unique Identifier:** 20

**Actor:** Employee Admin

**Description:**  Eventually old menus will need to be removed when they are outdated.

**Trigger:** When an Admin Employee presses the ‘Delete Menu’ button

**Type(temporal or external):** external

**Pre-conditions:**

Logged in as Admin

There is an order to delete

**Normal Course:**

Delete the selected menu

**Post-conditions:**

Menu deleted

**Exceptions:**

none

**Notes/Issues:**

**Use Case Name:** Employee Admin Create Menu Item

**Unique Identifier:** 21

**Actor:** Employee Admin

**Description:** A menu consists of menu items. Someone will need to add items after creating a new menu.

**Trigger:** When an Admin Employee presses the ‘Update Menu Item’ button

**Type(temporal or external):** external

**Pre-conditions:**

Logged in as Admin

There is a valid menu

**Normal Course:**

Create a menu item

**Post-conditions:**

Changes are made

**Exceptions:**

Invalid data entry

**Notes/Issues:**

**Use Case Name:** Employee Admin Update Menu Item

**Unique Identifier:** 22

**Actor:** Employee Admin

**Description:** A menu item may need to be updated

**Trigger:** When an Admin Employee presses the ‘Update Menu Item’ button

**Type(temporal or external):** external

**Pre-conditions:**

Logged in as Admin

There is a valid menu

There is a valid menu item

**Normal Course:**

Select one of the menu item’s fields, change the value, and save the changes.

**Post-conditions:**

Changes are made

**Exceptions:**

Invalid data entry

**Notes/Issues:**

**Use Case Name:** Employee Admin Delete Menu Item

**Unique Identifier:** 23

**Actor:** Employee Admin

**Description:**  Eventually old menu items will need to be removed when they are outdated.

**Trigger:** When an Admin Employee presses the ‘Delete Menu Item’ button

**Type(temporal or external):** external

**Pre-conditions:**

Logged in as Admin

There is a Menu Item to delete

**Normal Course:**

Delete the selected Menu Item

**Post-conditions:**

Menu Item deleted

**Exceptions:**

none

**Notes/Issues:**

**Use Case Name:** Employee Admin Create Customer

**Unique Identifier:** 24

**Actor:** Employee Admin

**Description:** A Customer may need to be manually created if the User is unable to do so.

**Trigger:** When an Admin Employee presses the ‘Create Customer’ button

**Type(temporal or external):** external

**Pre-conditions:**

Logged in as Admin

**Normal Course:**

Create a new Customer

**Post-conditions:**

A new Customer exists

**Exceptions:**

Invalid data entry

**Notes/Issues:**

**Use Case Name:** Employee Admin Update Customer

**Unique Identifier:** 25

**Actor:** Employee Admin

**Description:** A Customer may not be able to update their info or the Pizza Planet may otherwise wish to change a Customers info.

**Trigger:** When an Admin Employee presses the ‘Update Customer’ button

**Type(temporal or external):** external

**Pre-conditions:**

Logged in as Admin

There is a Customer

**Normal Course:**

Select one of the Customer’s fields, change the value, and save the changes.

**Post-conditions:**

Changes are made

**Exceptions:**

Invalid data entry

**Notes/Issues:**

**Use Case Name:** Employee Admin Delete Customer

**Unique Identifier:** 26

**Actor:** Employee Admin

**Description:**  A Customer may need to be deleted.

**Trigger:** When an Admin Employee presses the ‘Delete Customer’ button

**Type(temporal or external):** external

**Pre-conditions:**

Logged in as Admin

There is a Customer to delete

**Normal Course:**

Delete the selected Customer

**Post-conditions:**

Customer is deleted

**Exceptions:**

none

**Notes/Issues:**

**Use Case Name:** Employee Admin Create Report

**Unique Identifier:** 27

**Actor:** Employee Admin

**Description:** A Report is a useful tool to analyze data. One will need to create a report to use a report.

**Trigger:** When an Admin Employee presses the ‘Create Report’ button

**Type(temporal or external):** external

**Pre-conditions:**

Logged in as Admin

**Normal Course:**

Create a new Report

**Post-conditions:**

A new Report exists

**Exceptions:**

Invalid data entry

**Notes/Issues:**

**Use Case Name:** Employee Admin Update Report

**Unique Identifier:** 28

**Actor:** Employee Admin

**Description:** A Report’s content may need to change.

**Trigger:** When an Admin Employee presses the ‘Update Report’ button

**Type(temporal or external):** external

**Pre-conditions:**

Logged in as Admin

There is a Report

**Normal Course:**

Select one of the Report’s fields, change the value, and save the changes.

**Post-conditions:**

Changes are made

**Exceptions:**

Invalid data entry

**Notes/Issues:**

**Use Case Name:** Employee Admin Delete Report

**Unique Identifier:** 29

**Actor:** Employee Admin

**Description:**  A Report may need to be deleted.

**Trigger:** When an Admin Employee presses the ‘Delete Report’ button

**Type(temporal or external):** external

**Pre-conditions:**

Logged in as Admin

There is a Report to delete

**Normal Course:**

Delete the selected Report

**Post-conditions:**

Report is deleted

**Exceptions:**

none

**Notes/Issues:**