**Team :**  
1- JEBREEL EMAD ABEDAL KAREEM MAJDALWIEH 133050

2- SHATHA HOSSAM ISSA MUSTAFA 133844

3- ISLAM ZAID SULEIMAN ALSHQEIRAT 133034

4- DU'A AHMAD ABEDAL FATAH RAMADAN 129892

**Use-Case: Login**

|  |  |
| --- | --- |
| **Number** | **1** |
| **Name** | Login |
| **Summary** | User logs into the system. |
| **Preconditions** | User enters the main screen of the Online ordering and delivery system |
| **Postconditions** | System opens the user menu to identify whether the user is a customer or an administrator. |
| **Primary Actor(s)** | Administrator, customer. |
| **Secondary Actor(s)** | ------ |

|  |  |  |
| --- | --- | --- |
| **Main Scenario** | **Step** | **Action** |
|  | **1** | The system asks for username and password |
|  | **2** | If the user login as administrator, they must enter the username: admin and password: 00 |
|  | **3** | If the user login as customer must enter the proper value of username and password. |
|  | **4** | The system checks if the user has entered the right values. |
|  | **5** | The system displays the options related to the logged-in user only. |
| **Extensions** | **Step:(S\*) - a\*** | **Branching Action** |
|  | **4: (1) – a** | System notifies user that entered values are incorrect. |
|  | **4: (1) – b** | System returns the user to main screen to enter right values. |

**S\*=Scenario**

**a\*= action order**

**Documenting ‘Includes’ relationships in Use-Case: Login as customer.**

|  |  |
| --- | --- |
| **Number** | **1A** |
| **Name** | Login as customer |
| **Summary** | customer log into the system. |
| **Preconditions** | User enters the main screen and choose correct username and password related to the customer. |
| **Postconditions** | System displays the customer options. |
| **Primary Actor(s)** | customer. |
| **Secondary Actor(s)** | ------ |

|  |  |  |
| --- | --- | --- |
| **Main Scenario** | **Step** | **Action** |
|  | **1** | System asks for username and password for one of the five customers’ accounts loaded into the database. |
|  | **2** | System checks if the user has entered the right values. |
|  | **3** | The system displays the options related to that customer. |
| **Extensions** | **Step:(S\*) - a\*** | **Branching Action** |
|  | **2:(1) – a** | System notifies user that entered incorrect username and password. |
|  | **2:(1) – b** | System returns the user to main screen to enter right values. |

**S\*=Scenario**

**a\*= action order**

**Documenting ‘Includes’ relationships in Use-Case: Login as administrator.**

|  |  |
| --- | --- |
| **Number** | **1B** |
| **Name** | Login as administrator. |
| **Summary** | Administrator log into the system. |
| **Preconditions** | User enters the main screen and choose username: admin and password:00 that related to administrator. |
| **Postconditions** | System displays the administrator options. |
| **Primary Actor(s)** | Administrator. |
| **Secondary Actor(s)** | ------ |

|  |  |  |
| --- | --- | --- |
| **Main Scenario** | **Step** | **Action** |
|  | **1** | User enters the username: admin and password: 00 |
|  | **2** | System checks if the user has entered the right values. |
|  | **3** | The system must display the options related to the administrator. |
| **Extensions** | **Step:(S\*) - a\*** | **Branching Action** |
|  | **2:(1) – a** | System notifies user that entered incorrect username and password. |
|  | **2:(1) – b** | System returns the user to main screen to enter right values. |

**S\*=Scenario**

**a\*= action order**

**Use-Case: Add new item for a specific provider.**

|  |  |
| --- | --- |
| **2** | **number** |
| Add new item for a specific provider | **name** |
| Administrator adds a new item for a specific provider | **summary** |
| Administrator has logged into Online ordering and delivery system with valid login info, a provider has asked the administrator to add an offer | **preconditions** |
| A new Item is added to the provider in the providers database file | **Postconditions** |
| administrator | **Primary actor(s)** |
| ----------- | **Secondary actor(s)** |

|  |  |  |
| --- | --- | --- |
| **action** | **step** | **Main scenario** |
| The system asks the administrator to enter all information of the item to be added. | **1** |  |
| The administrator enters all information of the item. | **2** |  |
| The system asks the administrator to enter the provider’s name. | **3** |  |
| The administrator enters the provider’s name. | **4** |  |
| The system adds the new item to the items list of the provider and updates the database accordingly. | **5** |  |
|  | **Step:(S\*) - a\*** | **Extensions** |
| A message is displayed (“there is no provider with the name you entered, please enter the name of the provider correctly”) | **5:(1) – a** |  |
| System asks the Admin again for the name of the provider | **5:(1) – b** |  |

**S\*=Scenario**

**a\*= action order**

**Use-Case: Present new offer**

|  |  |
| --- | --- |
| **Number** | **3** |
| **Name** | Present new offer |
| **Summery** | Administrator adds a new offer for a specific provider |
| **Preconditions** | Administrator has logged into Online ordering and delivery system with valid login info, a provider has asked the administrator to add an offer |
| **Postconditions** | A new offer is added to the offer file in database |
| **Primary Actor(s)** | Administrator |
| **Secondary Actor(s)** | -------- |

|  |  |  |
| --- | --- | --- |
| **Main Scenario** | **Step** | **Action** |
|  | **1** | The system asks the administrator to enter provider name who wants to present the offer |
|  | **2** | Administrator enters the name of the Provider who wants to present an offer |
|  | **3** | The system displays all information of all items related to the provider. |
|  | **4** | The system asks the administrator to enter all required information for the new offer (unique ID, item ID, quantity of items in the offer, and offer price). |
|  | **5** | The Administrator enters the following information of the offer: (unique ID, item ID, quantity of items in the offer, and offer price) |
| **Extensions** | **Step:(S\*) - a\*** | **Branching Action** |
|  | **2:(1) - a** | A message is displayed (“there is no provider with the name you entered, please enter the name of the provider correctly”) |
|  | **2:(1) - b** | System asks the Admin again for the name of the provider |
|  | **4:(1) - a** | A message is displayed (“the ID you entered is not unique, please enter the ID again”) |
|  | **4:(1) - b** | The system asks the Administrator to enter the ID again |
|  | **4:(2) - a** | A message is displayed (“the Item ID you entered doesn’t exist, please enter the Item ID again”) |
|  | **4:(2) - b** | The system asks the Administrator to enter the Item ID again |

**S\*=Scenario**

**a\*= action order**

**Use-Case: View all providers.**

|  |  |
| --- | --- |
| **Number** | **4** |
| **Name** | View all providers |
| **Summery** | All information of all providers is displayed for the Administrator |
| **Preconditions** | Administrator has logged into Online ordering and delivery system with valid login info |
| **Postconditions** | The information of all providers is on screen for the Administrator. |
| **Primary Actor(s)** | Administrator |
| **Secondary Actor(s)** | -------- |

|  |  |  |
| --- | --- | --- |
| **Main Scenario** | **Step** | **Action** |
|  | **1** | The system displays full information of all providers saved in the database in formatted manner. |
|  | **2** | The Administrator can read the information of every provider, so he does not duplicate anything or take any wrong choices. |
| **Extensions** | **Step:(S\*) - a\*** | **Branching Action** |

**S\*=Scenario**

**a\*= action order**

**Use-Case: View all customers.**

|  |  |
| --- | --- |
| **Number** | **5** |
| **Name** | View all customers |
|  |  |
| **Summery** | All information of all customers is displayed for the Administrator |
| **Preconditions** | Administrator has logged into Online ordering and delivery system with valid login info |
| **Postconditions** | The information of all customers is on screen for the Administrator. |
| **Primary Actor(s)** | Administrator |
| **Secondary Actor(s)** | -------- |

|  |  |  |
| --- | --- | --- |
| **Main Scenario** | **Step** | **Action** |
|  | **1** | The system displays full information of all customers saved in the database in formatted manner. |
|  | **2** | The Administrator can read the information of every customer. |
| **Extensions** | **Step:(S\*) - a\*** | **Branching Action** |

**Use-Case: View all offers.**

|  |  |
| --- | --- |
| **Number** | **6** |
| **Name** | View all offers |
| **Summery** | All information of all offers is displayed for the Administrator |
| **Preconditions** | Administrator has logged into Online ordering and delivery system with valid login info |
| **Postconditions** | The information of all offers is on screen for the Administrator. |
| **Primary Actor(s)** | Administrator |
| **Secondary Actor(s)** | -------- |

|  |  |  |
| --- | --- | --- |
| **Main Scenario** | **Step** | **Action** |
|  | **1** | The system displays full information of all offers saved in the database in formatted manner. |
|  | **2** | The Administrator can read the information of every offer. |
| **Extensions** | **Step:(S\*) - a\*** | **Branching Action** |

**Use-Case: accessing orders file in database.**

|  |  |
| --- | --- |
| **7** | **number** |
| accessing orders file in database. | **name** |
| System goes to order file in database to access the information about orders. | **summary** |
| Administrator/Customer has logged into Online ordering and delivery system with valid login info | **preconditions** |
| System can filter the orders if required and view them to the customer or the admin or make other operations. | **Postconditions** |
| Administrator, customer | **Primary actor(s)** |
| --------- | **Secondary actor(s)** |

|  |  |  |
| --- | --- | --- |
| **action** | **step** | **Main scenario** |
| System goes to order file in database to access the information about orders. | **1** |  |
| **Branching Action** | **Step:(S\*) - a\*** | **Extensions** |

**Documenting ‘Generalization’ relationship in Use-Case: View all orders.**

|  |  |
| --- | --- |
| **Number** | **7a** |
| **Name** | View all orders |
| **Summery** | All information of all orders is displayed for the Administrator |
| **Preconditions** | Administrator has logged into Online ordering and delivery system with valid login info |
| **Postconditions** | The information of all orders is on screen for the Administrator. |
| **Primary Actor(s)** | Administrator |
| **Secondary Actor(s)** | -------- |

|  |  |  |
| --- | --- | --- |
| **Main Scenario** | **Step** | **Action** |
|  | **1** | The system displays full information of all orders saved in the database in formatted manner. |
|  | **2** | The Administrator can read the information of every order. |
| **Extensions** | **Step:(S\*) - a\*** | **Branching Action** |

**S\*=Scenario**

**a\*= action order**

**Documenting ‘Generalization’ relationship in Use-Case: Deliver all paid orders.**

|  |  |
| --- | --- |
| **7b** | **number** |
| Deliver all paid orders | **name** |
| The system delivers all orders that have statues as paid. | **summary** |
| Administrator has logged into Online ordering and delivery system, and a customer has placed an order, some orders are paid for by customers | **preconditions** |
| All paid orders are delivered, the database is updated so the status of delivered orders is changed from “paid” into “delivered” | **Postconditions** |
| Administrator | **Primary actor(s)** |
| --------- | **Secondary actor(s)** |

|  |  |  |
| --- | --- | --- |
| **action** | **step** | **Main scenario** |
| The system filters orders by statues to find orders with statues as “paid” | **1** |  |
| The system changes all orders with “paid” status into “delivered”. | **2** |  |
| The orders are delivered to the customers | **3** |  |
| **Branching Action** | **Step:(S\*) - a\*** | **Extensions** |

**Documenting ‘****Generalization’ relationship in Use-Case: View my order .**

|  |  |
| --- | --- |
| **7c** | **Number** |
| View my order | **Name** |
| Show all orders which are related to the user | **Summary** |
| Customer has logged into Online ordering and delivery system with valid login info | **Preconditions** |
| Displaying full information of all orders -which belongs to this specific customer- on the screen | **Postconditions** |
| Customer | **Primary Actor(s).** |
| ---------- | **Secondary Actor(s).** |

|  |  |  |
| --- | --- | --- |
| **Action** | **Step** | **Main Scenario** |
| The system filters orders by customer name to find the orders of the specific customer | **1** |  |
| System Displays full information of all orders -which belongs to this specific customer- on the screen | **2** |  |
| **Branching Action** | **Step:(S\*) - a\*** | **Extensions** |

**Documenting ‘Generalization’ relationships in Use-Case: Pay for order**

|  |  |
| --- | --- |
| **Number** | **7d** |
| **Name** | Pay for order |
| **Summary** | Customer pays for the not paid order. |
| **Preconditions** | Customer has logged into Online ordering and delivery system with valid login info, Customer has ordered at least 1 order |
| **Postconditions** | The order status value change from “not paid” to “paid” in database, the customer’s Cash credit is changed, providers’ incomes are changed, and the order is paid for. |
| **Primary Actor(s)** | Customer |
| **Secondary Actor(s)** | ------ |

|  |  |  |
| --- | --- | --- |
| **Main Scenario** | **Step** | **Action** |
|  | **1** | The system filters orders by customer name to find the orders of the specific customer, and by statues to find orders with status as “not paid” |
|  | **2** | The system displays full information of all not-paid orders (order status=” not paid”) related only to the currently logged-in customer saved in the database. |
|  | **3** | The system asks customer to enter the ID of the order to be paid. |
|  | **4** | The system changes the status of the order from “not paid” to “paid” and reflects this change in the database. |
|  | **5** | The system updates the cash credit of the currently logged-in customer and reflects this change in the database. |
|  | **6** | The system updates the income of the provider that serves the order and reflects this change in the database |
| **Extensions** | **Step:(S\*) - a\*** | **Branching Action** |
|  | **3:(1) – a** | System notifies customer that ID of the order are incorrect. |
|  | **3:(1) – b** | System return customer to enter the right ID of the order. |
|  | **4:(1) – a** | System notifies customer that cash credit is insufficient to pay the order. |
|  | **4:(1) – b** | System exits. |

**S\*=Scenario**

**a\*= action order**

**Documenting ‘****Generalization’ relationships in Use-Case: Post a review for a provider.**

|  |  |
| --- | --- |
| **Number** | **7e** |
| **Name** | Post a review for a provider |
| **Summary** | Customer posts a review for the provider that delivered the order. |
| **Preconditions** | Customer has logged into Online ordering and delivery system with valid login info, at least 1 order from the desired provider had been delivered. |
| **Postconditions** | The Review percentage of the provider is updated in the providers file in database |
| **Primary Actor(s)** | Customer |
| **Secondary Actor(s)** | ----- |

|  |  |  |
| --- | --- | --- |
| **Main Scenario** | **Step** | **Action** |
|  | **1** | The provider delivered the order to customer after paid. |
|  | **2** | The system changes the status of the order from “paid” to “delivered” and reflects this change in the database. |
|  | **3** | System displays full information of all delivered orders related only to the currently logged-in customer saved in the database. |
|  | **4** | The system asks customer to enter the ID of the order. |
|  | **5** | The system asks customer to enter a review value for the provider that delivered the order. |
|  | **6** | The system updates the review value of the provider and reflects this change in the database. |
| **Extensions** | **Step:(S\*) - a\*** | **Branching Action** |
|  | **5:(1) – a** | System display message “Kindly, our dear customer please post a review to enable you to order next time”. |

**S\*=Scenario**

**a\*= action order**

**Use-Case: Cancel offer**

|  |  |
| --- | --- |
| **8** | **number** |
| Cancel offer | **name** |
| Administrator cancels a specific offer from the system | **summary** |
| Administrator has logged into Online ordering and delivery system | **preconditions** |
| Offer will be removed from the offers file in database | **Postconditions** |
| Administrator | **Primary actor(s)** |
| ------------ | **Secondary actor(s)** |

|  |  |  |
| --- | --- | --- |
| **action** | **step** | **Main scenario** |
| The system displays full information of all offers of all providers that are saved in the database. | **1** |  |
| The system asks the administrator to enter the ID of the offer to be cancelled. | **2** |  |
| The administrator enters the ID of the offer. | **3** |  |
| The system removes the information of the offer from the database. | **4** |  |
| **Branching Action** | **Step:(S\*) - a\*** | **Extensions** |

**Use-Case: Place new order.**

|  |  |
| --- | --- |
| **9** | **Number** |
| Place new order | **Name** |
| User place new order on the system | **Summary** |
| Customer has logged into Online ordering and delivery system | **Preconditions** |
| A new order is added to the orders file in database | **Post conditions** |
| Customer | **Primary Actor(s)** |
| --------- | **Secondary Actor(s)** |

|  |  |  |
| --- | --- | --- |
| **Action** | **Step** | **Main Scenario** |
| System asks user to enter his current location. | **1** |  |
| System asks user to enter the category of the provider | **2** |  |
| The system displays full information of all matched providers | **3** |  |
| System asks user to enter the provider’s name. | **4** |  |
| System shows all information of all items related to provider | **5** |  |
| System shows all information of all offers related to the same provider. | **6** |  |
| System asks user to enter the ID of the item, the quantity of each item and ID offer | **7** |  |
| User finishes selecting his item/offer | **8** |  |
| System calculates the total cost | **9** |  |
| System asks user to enter the unique ID of the order | **10** |  |
| System set the status of the order as "not paid" | **11** |  |
| System adds the customer’s name to the order | **12** |  |
| System adds new order to the data base | **13** |  |
| The system updated quantity for all item | **14** |  |
| A new order is added in the orders file in database | **15** |  |
| **Branching Action** | **Step:(S\*) - a\*** | **Extensions** |
| Display message "provider does not exists " | **4:(1) - a** |  |

**S\*=Scenario**

**a\*= action order**

|  |  |
| --- | --- |
| **10** | **Number** |
| Logout | **Name** |
| Users logs out from the system | **Summary** |
| User is logged in | **Preconditions** |
| User returns to main screen | **Post conditions** |
| Administrator, Customer | **Primary Actor(s)** |
| ------- | **Secondary Actor(s)** |

|  |  |  |
| --- | --- | --- |
| **Action** | **Step** | **Main Scenario** |
| System displays Exit option in screen. | **1** |  |
| User chooses the option. | **2** |  |
| System returns the user to main screen. | **3** |  |
| **Branching Action** | **Step:(S\*) - a\*** | **Extensions** |