|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID | | 0001 | |
| Use Case Name | | Log In | |
| Requirements | | Terminal, Username & Password must be known | |
| Goal in Context | | Successful Log In into application | |
| Pre-Condition | | Application must be installed on functioning device and user must have valid login credentials | |
| Successful End Condition | | Successful Log In | |
| Failure End Condition | | Unsuccessful Log In | |
| Primary Actors | | Sales Representative | |
| Secondary Actors | |  | |
| Trigger | | Incorrect username or password | |
| Main Flow | Step | | Procedure |
|  | 1 | | User starts the application |
|  | 2 | | User enters his/her username & password |
|  | 3 | | User proceeds to Log In |

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID | | 0002 | |
| Use Case Name | | Modify a Customer’s Standing Order | |
| Requirements | | Customer ID, Standing Order Number | |
| Goal in Context | | Modify Customer Standing Order as per their request | |
| Pre-Condition | | User must be successfully logged into the application and his/her account must have the permission/right to modify Standing Orders | |
| Successful End Condition | | Standing Order is modified successfully | |
| Failure End Condition | | Standing Order cannot be changed by the user | |
| Primary Actors | | Sales Representative | |
| Secondary Actors | | Officer Worker | |
| Trigger | |  | |
| Main Flow | Step | | Procedure |
|  | 1 | | User starts the application |
|  | 2 | | User modifies the Standing Order |
|  | 3 | | User ensures the modifications are saved. |
|  | 4 | | User updates the Standing Order database with the saved changes |

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| --- | --- | --- | --- |
| Use Case ID | | 0003 | |
| Use Case Name | | Generate Reports | |
| Requirements | | Must have access to the relevant data such as Sales, Items, Orders, Customers | |
| Goal in Context | | To Generate a report | |
| Pre-Condition | | User must be successfully logged into the application and his/her account must have the permission/right to generate reports | |
| Successful End Condition | | Report Generation is Successful | |
| Failure End Condition | | User cannot generate a report | |
| Primary Actors | | Sales Representative | |
| Secondary Actors | |  | |
| Trigger | |  | |
| Main Flow | Step | | Procedure |
|  | 1 | | User starts the application |
|  | 2 | | User goes to the Report Screen |
|  | 3 | | User enters the criteria to be used to generate the report |
|  | 4 | | User clicks on the Generate Report button |

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID | | 0004 | |
| Use Case Name | | Log Out | |
| Requirements | |  | |
| Goal in Context | | Log Out & close application | |
| Pre-Condition | | User must be currently logged into the application | |
| Successful End Condition | | Successful Log Out | |
| Failure End Condition | | Unsuccessful Log Out | |
| Primary Actors | | Sales Representative | |
| Secondary Actors | |  | |
| Trigger | |  | |
| Main Flow | Step | | Procedure |
|  | 1 | | User selects the log out button |
|  | 2 | | User wait for the application to successfully complete the log out procedure |

Sales App System Requirements

User Log In

* The screen must allow the User to user his/her username and password to log into the application
* The application must verify and validate the account credentials entered by user by comparing the hashes of the entered user credentials against the hashes of the stored user credentials.

Home Screen

* Application must allow the user to go to the Generate Report screen
* Application must allow the user to go to the Customer screen
* Application must allow the user to go to the Standing Orders screen

Generate Report Screen

* Application must allow the user to specify the report criteria
* Application must allow the user to view the reports
* Application must allow the user to search for reports

Standing Order Screen

* Application must allow the user to create Standing Orders
* Application must allow the user to modify Standing Orders
* Application must allow the user to search for a Standing Order
* Application must allow the user to view the Standing Orders
* Application must allow the user to add a product from the Standing Order
* Application must allow the user to remove a product from the Standing Order

Customer Screen

* Application must allow the user to create a new customer account
* Application must allow the user to modify an existing customer’s account information
* Application must allow the user to search for a customer
* Application must allow the user to enter all the customer’s information in the respective fields.

Navigation

* Application must allow the user to navigate between the screens
* Application must clearly identify the method of navigation between screens, functions and functionality.
* Application must clearly identify what each item of the Graphical User Interface does through usage of appropriate labels and icons.

Sales Rep User requirements

* Provisions must be made for the user to remove items from the Standing Orders
* Provisions must be made for the user to view Standing Orders
* Provisions must be made for the user to search for Standing Orders
* Provisions must be made for the user to create Standing Orders
* Provisions must be made for the user to modify Standing Orders
* Provisions must be made for the user to create Customer accounts
* Provisions must be made for the user to modify Customer account information
* Provisions must be made for the user to search for Customer account
* Provisions must be made for the user to generate Reports
* Provisions must be made for the user to search for a Report
* The User is expected to be able to have access to the system
* The User is expected to possess valid Log In credentials
* The User is expected to have an account that possess the access control right to view Standing Orders
* The User is expected to have an account that possess the access control right to view Reports
* The User is expected to have an account that possess the access control right to view Customer Information
* The User is expected to have an account that possess the access control right to create Standing Orders
* The User is expected to have an account that possess the access control right to create Customer accounts
* The User is expected to have an account that possess the access control right to create Reports
* The User is expected to have an account that possess the access control right to modify Standing Orders
* The User is expected to have an account that possess the access control right to modify Customer account information