**LOGIN:**

**Common Case: Login Successful!**

A. Name: Login – ability to login based on successful credentials

F. Related use cases: Login with unsuccessful credentials

G. Steps: Describe each step using a 2-column format

|  |  |
| --- | --- |
| Actor | System |
| 1.Choose command “Login”  Main Screen: | 1.Display “Login” screen  “Add Purchase” screen: |
| 2.Input data the click “Login” button | 2.Allow access and route user based on login information: |
| 3.Click “OK” Button | 3.Display “Main” Screen based on login information  \*\*Will change based on login\*\* |

**Exception: Unsuccessful Login**

|  |  |
| --- | --- |
| Actor | System |
| 1.Choose command “Login”  Main Screen:  A screenshot of a cell phone  Description automatically generated | 1.Display “Login” screen  “Add Purchase” screen:  A screenshot of a cell phone  Description automatically generated |
| 2.Input data the click “Login” button  A screenshot of a cell phone  Description automatically generated | 2.Allow access and route user based on login information: |
| 3.Click “OK” Button | 3.Display “Login” Screen again |

**Manage User (available to each login credential)**

**Manage User:**

**Common Case: User updated successfully!**

A. Name: Managing users in the systems – can add new and update existing

F. Related use cases: Updating other users and adding users

G. Steps: Describe each step using a 2-column format

Steps:

|  |  |
| --- | --- |
| Actor | System |
| Choose command “Manages User”  Main Screen:  A screenshot of a cell phone  Description automatically generated | Display “Manage User” screen  “Add User” screen:  A screenshot of a cell phone  Description automatically generated |
| Load User which has already been inputed  Update the information which should be changed  A screenshot of a cell phone  Description automatically generated | Update the information in the system  A screenshot of a cell phone  Description automatically generated |
| Input data the click “Save” button  A screenshot of a social media post  Description automatically generated | Show the User Saved screen:  A screenshot of a cell phone  Description automatically generated |
| Click “OK” Button  A screenshot of a cell phone  Description automatically generated | Display “Main” Screen  A screenshot of a cell phone  Description automatically generated |

**Exception: No User**

|  |  |
| --- | --- |
| Actor | System |
| Choose command “Manage User”  Main Screen:  A screenshot of a cell phone  Description automatically generated | Display “Manage User” screen  “Manage User” screen:  A screenshot of a cell phone  Description automatically generated |
| Input data the click “Load” button  A screenshot of a cell phone  Description automatically generated | Hide “Manage User” Screen and display “User does not exist!” screen:  A screenshot of a cell phone  Description automatically generated |
| Click “OK” Button  A screenshot of a cell phone  Description automatically generated | Return to “Main” Screen  A screenshot of a cell phone  Description automatically generated |

**Admin Login:**

**Manage User:**

**Common Case: User updated successfully!**

A. Name: Managing users in the systems – can add new and update existing

F. Related use cases: Updating other users and adding users

G. Steps: Describe each step using a 2-column format

Steps:

|  |  |
| --- | --- |
| Actor | System |
| Choose command “Manages User”  Main Screen: | Display “Manage User” screen  “Add User” screen: |
| Load User which has already been inputed  Update the information which should be changed | Update the information in the system |
| Input data the click “Save” button | Show the User Saved screen: |
| Click “OK” Button | Display “Main” Screen |

**Exception: No User**

|  |  |
| --- | --- |
| Actor | System |
| Choose command “Manage User”  Main Screen: | Display “Manage User” screen  “Manage User” screen: |
| Input data the click “Load” button | Hide “Manage User” Screen and display “User does not exist!” screen: |
| Click “OK” Button | Return to “Main” Screen |

**Manager Login:**

**View Sales:**

**Common Case: View Sales!**

A. Name: View Sales – ability to view all purchases in the system and their totals

F. Related use cases: view purchases

G. Steps: Describe each step using a 2-column format

|  |  |
| --- | --- |
| Actor | System |
| Choose command “View Sales”  Main Screen: | Display “View Sales” screen  “View Sales” screen: |
| Click “Exit” Button | Return to “Main” Screen |
|  |  |

**Manage Product:**

**Common Case: Product added successfully!**

A. Name: Managing products in the systems – can add new and update

F. Related use cases: Updating other products and adding users

G. Steps: Describe each step using a 2-column format

|  |  |
| --- | --- |
| Actor | System |
| Choose command “Manages Product”  Main Screen:  A screenshot of a cell phone  Description automatically generated | Display “Manage Product” screen  “Add Product” screen:  A screenshot of a cell phone  Description automatically generated |
| Load Products which have already been inputed  Update the information which should be changed  A screenshot of a cell phone  Description automatically generated | Update the information in the system  A screenshot of a cell phone  Description automatically generated |
| Input data the click “Save” button  A screenshot of a cell phone  Description automatically generated | Hide “Manage Product” Screen and display “Add Product Successfully” screen:  A screenshot of a cell phone  Description automatically generated |
| Click “OK” Button  A screenshot of a cell phone  Description automatically generated | Display “Main” Screen  A screenshot of a cell phone  Description automatically generated |

**Exception: No Product ID**

|  |  |
| --- | --- |
| Actor | System |
| Choose command “Manage Product”  Main Screen:  A screenshot of a cell phone  Description automatically generated | Display “Manage Product” screen  “Add Product” screen:  A screenshot of a cell phone  Description automatically generated |
| Input data the click “Save” button  A screenshot of a cell phone  Description automatically generated | Hide “Manage Product” Screen and display “Product ID cannot be null!” screen:  A screenshot of a cell phone  Description automatically generated |
| Click “OK” Button  A screenshot of a cell phone  Description automatically generated | Return to “Main” Screen  A screenshot of a cell phone  Description automatically generated |

**CASHIER:**

**Manage Customer:**

**Common Case: Customer added successfully!**

A. Name: Manage customers in the systems – can either add or change customers

F. Related use cases: Updating other customer information and adding purchases to customers

G. Steps: Describe each step using a 2-column format

Steps

|  |  |
| --- | --- |
| Actor | System |
| Choose command “Manages Customer”  Main Screen:  A screenshot of a cell phone  Description automatically generated | Display “Manage Customer” screen  “Manage Customer” screen:  A screenshot of a cell phone  Description automatically generated |
| Load Customer which have already been inputed  Update the information which should be changed  A screenshot of a cell phone  Description automatically generated | Update the information in the systemA screenshot of a cell phone  Description automatically generated |
| Input data the click “Save” button  A screenshot of a cell phone  Description automatically generated | Hide “Manage Customer” Screen and display “Add Product Successfully” screen:  A screenshot of a cell phone  Description automatically generated |
| Click “OK” Button  A screenshot of a cell phone  Description automatically generated | Display “Main” Screen  A screenshot of a cell phone  Description automatically generated |

**Exception: Null CustomerID!**

|  |  |
| --- | --- |
| Actor | System |
| Choose command “Manage Customer”  Main Screen:  A screenshot of a cell phone  Description automatically generated | Display “Manage Customer” screen  “Manage Customer” screen:  A screenshot of a cell phone  Description automatically generated |
| Input data the click “Save” button  A screenshot of a cell phone  Description automatically generated | Hide “Add Customer” Screen and display “CustomerID cannot be null” screen:  A screenshot of a cell phone  Description automatically generated |
| Click “OK” Button  A screenshot of a cell phone  Description automatically generated | Display “Main” Screen  A screenshot of a cell phone  Description automatically generated |

**Manage Purchase:**

**Common Case: Purchase added successfully!**

A. Name: Manage transactions in the systems – allow adding and updating

F. Related use cases: Updating other transactions and adding customers to purchase

G. Steps: Describe each step using a 2-column format

Steps:

|  |  |
| --- | --- |
| Actor | System |
| Choose command “Add Purchase”  Main Screen:  A screenshot of a cell phone  Description automatically generated | Display “Add Purchase” screen  “Add Purchase” screen:  A screenshot of a cell phone  Description automatically generated |
| Input data the click “Save” button  A screenshot of a cell phone  Description automatically generated | Hide “Save Product” Screen and display “Save Product Successfully” screen:  A screenshot of a social media post  Description automatically generated |
| Load Product which have already been inputed  Update the information which should be changed | Update the information in the systemA screenshot of a cell phone  Description automatically generated |
| Click “OK” Button  A screenshot of a cell phone  Description automatically generated | Display “Main” Screen  A screenshot of a cell phone  Description automatically generated |

**Exception: Invalid purchaseID!**

|  |  |
| --- | --- |
| Actor | System |
| 1.Choose command “Add Purchase”  Main Screen:  A screenshot of a cell phone  Description automatically generated | 1.Display “Add Purchase” screen  “Add Purchase” screen:  A screenshot of a cell phone  Description automatically generated |
| 2.Input data the click “Save” button  A screenshot of a cell phone  Description automatically generated | 2.Hide “Add Purchase” Screen and display “PurchaseID cannot be null! ” screen:  A screenshot of a cell phone  Description automatically generated |
| 3.Click “OK” Button | 3.Display “Main” Screen  A screenshot of a cell phone  Description automatically generated |

**CUSTOMER:**

**Manage Purchase:**

**Common Case: Purchase added successfully!**

A. Name: Manage transactions in the systems – allow adding and updating

F. Related use cases: Updating other transactions and adding customers to purchase

G. Steps: Describe each step using a 2-column format

Steps:

|  |  |
| --- | --- |
| Actor | System |
| Choose command “Add Purchase”  Main Screen:  A screenshot of a cell phone  Description automatically generated | Display “Add Purchase” screen  “Add Purchase” screen:  A screenshot of a cell phone  Description automatically generated |
| Input data the click “Save” button  A screenshot of a cell phone  Description automatically generated | Hide “Save Product” Screen and display “Save Product Successfully” screen:  A screenshot of a social media post  Description automatically generated |
| Load Product which have already been inputed  Update the information which should be changed  A screenshot of a cell phone  Description automatically generated | Update the information in the systemA screenshot of a cell phone  Description automatically generated |
| Click “OK” Button  A screenshot of a cell phone  Description automatically generated | Display “Main” Screen  A screenshot of a cell phone  Description automatically generated |

**Exception: Invalid purchaseID!**

|  |  |
| --- | --- |
| Actor | System |
| 1.Choose command “Add Purchase”  Main Screen:  A screenshot of a cell phone  Description automatically generated | 1.Display “Add Purchase” screen  “Add Purchase” screen:  A screenshot of a cell phone  Description automatically generated |
| 2.Input data the click “Save” button  A screenshot of a cell phone  Description automatically generated | 2.Hide “Add Purchase” Screen and display “PurchaseID cannot be null! ” screen:  A screenshot of a cell phone  Description automatically generated |
| 3.Click “OK” Button  A screenshot of a cell phone  Description automatically generated | 3.Display “Main” Screen  A screenshot of a cell phone  Description automatically generated |

**Purchase History:**

|  |  |
| --- | --- |
| Actor | System |
| Choose command “View Purchase History”  Main Screen: | Display “View Purchase History” screen  “View Purchase History” screen: |
| Click “Exit” Button | Return to “Main” Screen |
|  |  |

**Search Product:**

|  |  |
| --- | --- |
| Actor | System |
| Choose command “View Purchase History”  Main Screen:  A screenshot of a cell phone  Description automatically generated | Display “View Purchase History” screen  “View Purchase History” screen: |
| Click “Exit” Button | Return to “Main” Screen  A screenshot of a cell phone  Description automatically generated |
|  |  |

**Exception: No search specified**

* When no searched item is specified, return all items

|  |  |
| --- | --- |
| Actor | System |
| Choose command “View Purchase History”  Main Screen:  A screenshot of a cell phone  Description automatically generated | Display “View Purchase History” screen  “View Purchase History” screen:  **A screenshot of a cell phone  Description automatically generated** |
| Click “Exit” Button  **A screenshot of a cell phone  Description automatically generated** | Return to “Main” Screen  A screenshot of a cell phone  Description automatically generated |
|  |  |