**Project 3**

**Story 1**

As the user I want to add a new product to the system or update a current product.

Case 1: It works correctly

Name: "Adding a new product into the system"

Step:

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. Choose command “Manage product”   Main Screen:  Store Management System  Manage Customer  Manage Purchase  Add Purchase  Manage Product | 2. Display “Manage Product” screen  “Manage Product” Screen  Add Product  Product ID  Name  Price  Quantity  Total Cost  Load  Save |
| 3. Input data then click “Save” button  “Manage Product Screen” with data  Add Product  100  Product ID  Apple iPhone 11  Name  1999.99  Price  10  Quantity  199999.00  Total Cost  Load  Save | 4. Hide “Manage Product” screen and display “Add Product Successfully” Alert  Product Added Successfully!  OK |
| 5. Click on “OK” Button | 6. Display “Main Screen” |

Products(**productid,** name, price, quantity, Total Cost)

Case 2: An invalid Product ID IS Submitted.

|  |  |
| --- | --- |
| 1. Choose command “Add product”   Main Screen:  Store Management System  Manage Customer  Manage Purchase  Add Purchase  Manage Product | 2. Display “Manage Product” screen  “Add Product” Screen  Add Product  Product ID  Name  Price  Quantity  Total Cost  ADD  Cancel |
| 3. Input data with invalid Product ID then click “Save” button  “Manage Product Screen” with data  Add Product  one  Product ID  Apple iPhone 11  Name  1999.99  Price  10  Quantity  199999.00  Total Cost  Load  Save | 4. Hide “Manage Product” screen and display “ProductID Invalid” Alert  ProductID is invalid!  OK |

Case 3: Updating an existing Product

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. Choose command “Manage product”   Main Screen:  Store Management System  Manage Customer  Manage Purchase  Add Purchase  Manage Product | 2. Display “Manage Product” screen  “Manage Product” Screen  Add Product  Product ID  Name  Price  Quantity  Total Cost  Load  Save |
| 3. Input Product ID then click “Load” button  “Manage Product Screen” with data  Add Product  100  Product ID  Name  Price  Quantity  Total Cost  Load  Save | 4. Display The Data  Add Product  100  Product ID  Apple iPhone 11  Name  1999.99  Price  10  Quantity  199999.00  Total Cost  Load  Save |
| 5. Update information then Click Save  Add Product  100  Product ID  Apple iPhone 11  Name  1999.99  Price  10  Quantity  199999.00  Total Cost  Save  Load | 6. Hide “Manage Product” screen and display “Add Product Successfully” Alert |

Price

Total Cost



Quantity

Name

Productid

Add

User

Product



**Story 2**

As the user I want to add a new customer into the system

Case 1: Works Correctly

Name: adding a new customer into the system

Steps:

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. Choose command “Manage Customer”   Main Screen:  Store Management System  Manage Customer  Add Purchase  Manage Purchase  Manage Product | 2. Display “Manage Customer” screen  “Manage Customer” Screen  Add Customer  CustomerID  Name  Address  Phone  Payment Info  Description  ADD  Cancel |
| 3. Input data then Click “Save” button  “Manage Customer” Screen With Data  Add Customer  3  CustomerID  Apple Sauce  Name  Phone  (214) 790 - 3383  Address  NDA  Credit  Payment Info  Save  Load | 4. Hide “Manage Customer” screen and display “Add Customer Successfully” Alert  Customer Added Successfully!  OK |
| 5. Click “OK” Button | 6. Display “Main Screen” |

Customers(**customerid**, name, address, phone, payment info)

Case 2: Invalid CustomerID is submitted

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. Choose command “Manage Customer”   Main Screen:  Store Management System  Manage Customer  Add Purchase  Manage Purchase  Manage Product | 2. Display “Manage Customer” screen  “Manage Customer” Screen  Add Customer  CustomerID  Name  Address  Phone  Payment Info  Description  Save  Load |
| 3. Input data with wrong customerID then Click “Save” button  “Add Customer” Screen With Data  Add Customer  Three!!  CustomerID  Apple Sauce  Name  Phone  (214) 790 - 3383  Address  NDA  Credit  Payment Info  Save  Load | 4. Hide “Manage Customer” screen and display “customerID is invalid”  CustomerID is invalid!  OK |

Case 3: Updating an existing Customer

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. Choose command “Manage product”   Main Screen:  Store Management System  Manage Customer  Manage Purchase  Add Purchase  Manage Product | 2. Display “Manage Customer” screen  “Manage Customer” Screen  Add Customer  CustomerID  Name  Address  Phone  Payment Info  Description  Load  Save |
| 3. Input Customer ID then click “Load” button  “Manage Customer Screen” with data  Add Customer  3  CustomerID  Name  Address  Phone  Payment Info  Description  ADD  Cancel  Load  Save | 4. Display The Data  Add Customer  3  CustomerID  Apple Sauce  Name  Phone  (214) 790 - 3383  Address  NDA  Credit  Payment Info  ADD  Cancel |
| 5. Update information then Click Save  Add Customer  3  CustomerID  Apple Sauce  Name  Phone  (214) 790 - 3383  Address  NDA  Credit  Payment Info  ADD  Cancel | 6. Hide “Manage Product” screen and display “Add Customer Successfully” Alert |

Address



Phone



Adds

User

Customer



Name

Payment Info

**CASE 3**

As the user I want to record a purchase from a customer into the system.

Case 1: Works Correctly

Name: adding a new purchase into the system

Steps

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. Choose command “Add product”   Main Screen:  Store Management System  Manage Purchase  Add Purchase  Add Customer  Add Product | 2. Display “Add Purchase” screen  “Add Product” Screen  Add Purchase  Product ID  CustomerID  Quantity  Price  Tax  Total Cost  ADD  Cancel |
| 3. “Add Purchase” Screen with data  Add Purchase  1  Product ID  1  CustomerID  Quantity  1  Price  5  0.08  Tax  5.08  Total Cost  ADD  Cancel | 4. Hide “Add Purchase” screen and display “Add Purchase Successfully” Alert  Purchase Added Successfully!  OK |
| 5. Click “OK” Button | 6. Display “Main Screen” |

Purchase(**purchaseid**, *customerid*, quantity, price, tax, total cost)

Case 2: Customer id is submitted but there is no product associated with it

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. Choose command “Add product”   Main Screen:  Store Management System  Manage Purchase  Add Purchase  Add Customer  Add Product | 2. Display “Add Purchase” screen  “Add Product” Screen  Add Purchase  Product ID  CustomerID  Quantity  Price  Tax  Total Cost  ADD  Cancel |
| 3. “Add Purchase” Screen with data but with invalid product ID  Add Purchase  1  Product ID  33443  CustomerID  Quantity  1  Price  5  0.08  Tax  5.08  Total Cost  ADD  Cancel | 4. Hide “Add Purchase” screen and display “CustomerID Does not Exist” Alert  CustomerID Does not exist  OK |

date



Quantity

Name

Productid

BUY

Customer

Product

**CASE 4**

As the user I want to update a purchase in the system.

Case 1: Works Correctly

Name: Updating a new purchase into the system

Steps

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. Choose command “Manage purchase”   Main Screen:  Store Management System  Manage Purchase  Add Purchase  Add Customer  Add Product | 2. Display “Manage Purchase” screen  “Add Product” Screen  Manage  Product ID  CustomerID  Quantity  Price  Tax  Total Cost  ADD  Cancel |
| 3. “Add Purchase” Screen with Purchase ID  Add Purchase  1  Purchase ID  CustomerID  Quantity  Price  Tax  Total Cost  LOAD  SAVE | 4. Click LOAD  OK |
| 5. “Manage Purchase” screen with data  1  Product ID  1  CustomerID  Quantity  5  Price  5  0.08  Tax  5.08  Total Cost  SAVE  LOAD | 6. Click “SAVE” |

Purchase(**purchaseid**, *customerid*, quantity, price, tax, total cost)

Case 2: Customer id is submitted but there is no product associated with it

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. Choose command “Add product”   Main Screen:  Store Management System  Manage Purchase  Add Purchase  Add Customer  Add Product | 2. Display “Add Purchase” screen  “Add Product” Screen  Add Purchase  Product ID  CustomerID  Quantity  Price  Tax  Total Cost  ADD  Cancel |
| 3. “Add Purchase” Screen with data but with invalid product ID  Add Purchase  1  Product ID  33443  CustomerID  Quantity  1  Price  5  0.08  Tax  5.08  Total Cost  ADD  Cancel | 4. Hide “Add Purchase” screen and display “CustomerID Does not Exist” Alert  CustomerID Does not exist  OK |

date



Quantity

Name

Productid

BUY

Customer

Product