**Add Product Use cases**

1)Name: Adding a new product

Goal: user trying to add information about the new product into the system

Related use cases: Product added successfully, Add a product and product already exists in the system, Adding a new customer

Steps:

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. Click button “Add Product”   Main Screen: | 1. Display “Add Product” screen   Add Product screen: |
| 1. Input data then click “Add Product”   Add Product screen with input data: | 1. Display a pop up saying “Product added successfully!”   The pop up “Product added successfully!”: |
| 1. Click “OK” | 1. The pop up is closed and only Add Product screen is displayed |
| 1. Click ‘Cancel’ | 1. Main screen is displayed |

2)Name: Adding a new product with no Quantity

Goal: user trying to add information about the new product into the system without mentioning the quantity

Steps:

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. Click button “Add Product”   Main Screen: | 1. Display “Add Product” screen   Add Product screen: |
| 1. Input data then without entering quantity and click “Add Product”   Add Product screen with input data: | 1. Display a pop up saying “Quantity could not be empty!!!”   The pop up “Quantity could not be empty!!!”: |
| 1. Click “OK” | 1. The pop up is closed and only Add Product screen is displayed |
| 1. Click ‘Cancel’ | 1. Main screen is displayed |

**Add Customer Use cases**

1)Name: Adding a new customer

Goal: user trying to add information about a customer into the system

Steps:

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. Click button “Add ”Customer   Main Screen: | 1. Display “Add Customer” screen   Add Customer screen: |
| 1. Input data then click “Add Customer”   Add Customer screen with input data: | 1. Display a pop up saying “Customer added successfully!”   The pop up “Customer added successfully!”: |
| 1. Click “OK” | 1. The pop up is closed and only Add Customer screen is displayed |
| 1. Click ‘Cancel’ | 1. Main screen is displayed |

2)Name: Adding a new customer with empty customerID

Goal: user trying to add information about a customer into the system without customerID

Steps:

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. Click button “Add ”Customer   Main Screen: | 1. Display “Add Customer” screen   Add Customer screen: |
| 1. Input data with empty customer ID and then click “Add Customer”   Add Customer screen with input data: | 1. Display a pop up saying “CustomerID could not be empty!”   The pop up “CustomerID could not be empty!”: |
| 1. Click “OK” | 1. The pop up is closed and only Add Customer screen is displayed |
| 1. Click ‘Cancel’ | 1. Main screen is displayed |

**Add Purchase Use cases**

1)Name: Adding a new purchase

Goal: user trying to record a purchase of a customer into the system

Related use cases: Product added successfully, Add a product and product already exists in the system, Adding a new customer

Steps:

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. Click button “Add Purchase”   Main Screen: | 1. Display “Add Purchase” screen   Add Purchase screen: |
| 1. Input data then click “Add”   Add Purchase screen with input data: | 1. Purchase receipt is displayed |
| 1. Click “Cancel” on Add Purchase screen | 1. Display Main screen |

2)Name: Adding a new purchase with incorrect CustomerID

Goal: user trying to record a purchase of a customer into the system with wrong customerID

Steps:

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. Click button “Add Purchase”   Main Screen: | 1. Display “Add Purchase” screen   Add Purchase screen: |
| 1. Input data with incorrect customerID and then click “Add”   Add Purchase screen with incorrect customerID data: | 1. Display a pop up saying “No Customer with ID = 35”   The pop up “No Customer with ID = 35”: |
| 1. Click ‘OK’ | 1. The pop up is closed and only Add Purchase screen is displayed |
| 1. Click “Cancel” on Add Purchase screen | 1. Display Main screen |