Project 1

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Use Cases and Design UI:

* 1. As a user, I want to add a new product or update a current product into the system.

USE CASE: A employee needs to add/update product into the system.

Exception: Trying to add a Customer into the product view.

Steps:

|  |  |
| --- | --- |
| **Actors** | **System** |
| 1. Choose command “Add product”   Main screen: | 1. Display “Add Product” screen   “Add Product” screen  A screenshot of a cell phone  Description automatically generated |
| 1. Input data, then click “Add” button   A screenshot of a cell phone  Description automatically generated | 1. Hide “Add Product” screen and display “Product Added   Successfully”  A close up of a logo  Description automatically generated |
| 1. Click on “OK” button | 1. Display “Main” Screen |

Exception: Trying to add a duplicate ProductID into the Product view, after clicking the add Product.

Error: Duplicate Product ID

OK

USE CASE: A employee needs to update product into the system.

Exception: Trying to update a Customer into the product view.

Steps:

|  |  |
| --- | --- |
| **Actors** | **System** |
| 1. Choose command “Update product”   Main screen: | 1. Display “Add Product” screen   “Add Product” screen |
| 1. Input data, then click “Add” button | 1. Hide “Save Product” screen and display “Product Saved   Successfully” |
| 1. Click on “OK” button | 1. Display “Main” Screen |

* 1. As a user, I want to add a new customer or update a current Customer into the system

USE CASE: A employee needs to add/update a Customer into the system.

Steps

|  |  |
| --- | --- |
| **Actors** | **System** |
| 1. Choose command “Add customer”   Main Screen | 1. Display “Add Customer” screen     “Add Customer Screen” |
| 1. Input data, then clock “Add” button | 1. Hide “Add Customer” screen and display “Added Customer Successfully!” |
| 1. Click on “OK” button | 1. Display Main Screen |

Exception: Trying to add a duplicate customerID into the customer view, after clicking the add Customer.

Error: Duplicate Customer ID

OK

USE CASE: A employee needs to update customer to the system.

Steps:

|  |  |
| --- | --- |
| 1. Choose command “Update Customer” | 1. Display “Update Customer” Screen |
| 1. Input data, then click “Save” button | 1. Hide the “Save” screen and display “Update Customer Successfully!” |
| 1. Click on “OK” button | 1. Display Main Screen   A close up of a logo  Description automatically generated |

* 1. As a user, I want to add a purchase from a customer or update a Purchase into the system

USE CASE: A employee needs to add/purchase a new purchase to the system.

Steps:

|  |  |
| --- | --- |
| 1. Choose command “Add Purchase” | 1. Display “Add Purchase” Screen |
| 1. Input data, then click “Add” button | 1. Hide the “Add Purchase” screen and display “Purchase Added Successfully!” |
| 1. Click on “OK” button | 1. Display Main Screen |
|  |  |
|  |  |
|  |  |

Exception: Trying to add a invalid productID into the purchase view, after clicking the add purchase.

Error: Invalid Product ID

OK

USE CASE: A employee needs to update purchase to the system.

Steps:

|  |  |
| --- | --- |
| 1. Choose command “Update Purchase” | 1. Display “Update Purchase” Screen |
| 1. Input data, then click “Save” button | 1. Hide the “Save” screen and display “Saved Purchase Successfully!” |
| 1. Click on “OK” button | 1. Display Main Screen |