Name: Adding a new product into the system

Step:

|  |  |
| --- | --- |
| Actor | System |
| 1. Choose command “Add Product”   Main Screen: | 2.Display “Add Product” Screen  “Add Product” Screen |
| 1. Input data the click “Add” button   “Add Product” Screen with data: | 1. Hide “Add Product” Screen and display “Add Product Successfully”   “Add Product Successfully” Screen: |
| 1. Click on “OK” button:   Click “OK” | 1. Display “Main” screen:   Main Screen: |

|  |  |
| --- | --- |
| Actor | System |
| 1. Choose command “Add Customer”   Main Screen:  A close up of a logo  Description automatically generated | 2.Display “Add Customer” Screen  “Add Customer” Screen |
| 3.Input data the click “Add” button  “Add Customer” Screen with data: | 1. Hide “Add Customer” Screen and display “Add product Successfully”   “Add Product Successfully” Screen: |
| 1. Click on “OK” button:   Click “OK” | 1. Display “Main” screen:   Main Screen:  A close up of a logo  Description automatically generated |

|  |  |
| --- | --- |
| Actor | System |
| 1. Choose command “Add Purchase”   Main Screen:  A close up of a logo  Description automatically generated | 1. Display “Add Purchase” Screen   “Add Purchase” Screen |
| 1. Input data the click “Add” button   “Add Purchase”  Screen with data: | 1. Hide “Add Purchase” Screen and display “Add purchase Successfully”   “Add Purchase Successfully” Screen: |
| 1. Click on “OK” button: | 1. Display “Main” screen:   Main Screen:  A close up of a logo  Description automatically generated |

Name: Adding a new product into the system

Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. Choose command “Add Product”   Maid screen:  Store Management System  Add customers  Add products  Add purchase | 1. Display “Add Product” screen   “Add Product” screen: |
| 1. Input data then click “Add” button   “Add Product” screen with data: | 1. Hide “Add Product” screen and display “Add Product Successfully” screen:   “Add Product Successfully” screen:  图片包含 屏幕截图  描述已自动生成 |
| 1. Click on “OK” button: | 1. Display “Main” screen |

Name: Adding a new Customer into the system

Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. Choose command “Add Customer”   Maid screen:  Store Management System  Add Customers  Add products  Add Purchase | 1. Display “Add Customer” screen   “Add Customer” screen: |
| 1. Input data then click “Add” button   “Add Customer” screen with data: | 1. Hide “Add Customer” screen and display “Add Product Successfully” screen:   “Add Customer Successfully” screen:  图片包含 屏幕截图  描述已自动生成 |
| 1. Click on “OK” button: | 1. Display “Main” screen |

Name: Adding a purchase into the system

Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. Choose command “Add Purchase”   Maid screen:  Store Management System  Add Customers  Add products  Add Purchase | 1. Display “Add Purchase” screen   “Add Purchase” screen: |
| 1. Input data then click “Add” button   “Add Purchase” screen with data: | 1. Hide “Add Purchase” screen and display “Add Product Successfully” screen:   “Add Purchase Successfully” screen:  图片包含 屏幕截图  描述已自动生成 |
| 1. Click on “OK” button: | 1. Display “Main” screen |

Products:

- barcode, name, productid, expiration data, price, tax rate, quantity, supplier, manufactured data.

Customers:

- name, address, customerid, phone, payment info,

Relationship:

- buy: date time, quantity, price, tax, total cost

Products(**productid**, barcode, name, expiration data, price, tax rate, quantity, supplier, manufactured data)

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

Purchase(**purchasid**, customerid, productid, date time, quantity, price, tax, total cost)

Products

Buy

Customers