A: Name: Adding a new product, customer and Purchase into the system

B: Steps:

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| Actor | System |
| 1. Choose command “Add Product”   Main screen: | 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 |
| 1. Click on “OK” button: | 1. Display “Main” screen |
| 1. Choose command “Add Purchase”   Main screen: | 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 Purchase Successfully” screen |
| 1. Click on “OK” button: | 1. Display “Main” screen |
| 1. Choose command “Add Purchase”   Main screen: | 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 Customer Successfully” screen |
| 1. Click on “OK” button: | 1. Display “Main” screen |

Add Product cannot be empty

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| Actor | System |
| 1. Choose command “Add product”  Main screen: | 2. Display “Add Product” screen  “Add Product” screen: |
| 3. Input data then click “Add” button  “Add Product” screen with data: | 4. Hide “Add Product” screen and display “ProductID cannot be null!  ” screen: |
| 5. Click on “OK” button:  Click “OK”: | 6: Display previous screen:  “Add Product” screen shows again: |

Add Customer cannot be empty

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| **Actor** | **System** |
| 1.Choose command “Add Customer”  Main screen: | 2. Display “Add Customer” screen  “Add Customer” screen: |
| 3. Input data then click “Add” button  “Add Customer” screen with data: | 4. 4. Hide “Add Customer” screen and display “Customer name cannot be empty!” screen: |
| 5. Click on “OK” button:  Click “OK”: | 6: Display previous screen:  “Add Customer” screen shows again: |

**use case 2: add a Purchase with empty Name**

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| Actor | System |
| 1. Choose command “Add Purchase”  Main screen: | 2. Display “Add Purchase” screen  “Add Purchase” screen: |
| 3. Input data then click “Add” button  “Add Purchase” screen with data: | 4. Hide “Add Purchase” screen and display “PurchaseID cannot be null!  ” screen: |
| 5. Click on “OK” button:  Click “OK”: | 6: Display previous screen:  “Add Purchase” screen shows again: |