**User Story 1:**

As a user, I want to modify data and the database will now contain updated data.

Use Case 1: User updates data for Manage Product that will be stored in the database.

|  |  |
| --- | --- |
| **Actor** | **Action** |
| 1. Click button “Manage Product”   Main screen: | 1. Display “Manage Product” screen   “Manage Product” screen: |
| 1. Enter Product ID and click “Load” | 1. Edit values and click “Save” |
| 1. Click “OK” |  |

Use Case 2: User will enter new data.

|  |  |
| --- | --- |
| **Actor** | **Action** |
| 1. Click button “Manage Product”   Main screen: | 1. Display “Manage Product” screen   “Manage Product” screen: |
| 1. Input new Product and click “Save” | 1. Confirmation box: |
| 1. Click “OK” | 1. Display Main screen |

**User Story 2:**

As a user, I want to modify Customer in the system.

Use Case 1: User will modify data and the updated data will be stored in the database.

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| --- | --- |
| **Actor** | **Action** |
| 1. Click button “Manage Customer”   Main screen: | 1. Display “Manage Customer” screen   “Manage Customer” screen: |
| 1. Input Customer ID and click “Load” | 1. Edit values and click “Save” |
| 1. Click “OK” | 1. Display Main screen |

Use Case 2: User enters new data for Customer.

|  |  |
| --- | --- |
| **Actor** | **Action** |
| 1. Click button “Manage Customer”   Main screen: | 1. Display “Manage Customer” screen   “Manage Customer” screen: |
| 1. Input new Customer & click “Save” | 1. Confirmation box: |
| 1. Click “OK” | 1. Display Main screen |

**User Story 3:**

As a user, I want to manage Purchase in the system.

Use Case 1: User will modify data and the updated data will be stored in the database.

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| --- | --- |
| **Actor** | **Action** |
| 1. Click button “Manage Purchase”   Main screen: | 1. Display “Manage Purchase” screen   “Manage Purchase” screen: |
| 1. Input Purchase ID and click “Load” | 1. Edit values and click “Save” |
| 1. Click “OK” Confirmation box: | 1. Display Main screen |

Use Case 2: User enters new data.

|  |  |
| --- | --- |
| **Actor** | **Action** |
| 1. Click button “Manage Purchase”   Main screen: | 1. Display “Manage Purchase” screen   “Manage Purchase” screen: |
| 1. Input new Purchase and click “Save” | 1. Confirmation box: |
| 1. Click “OK” | 1. Display Main screen |

**CLIENT-SERVER PROTOCOL:**

The server protocol will:

* fetch Product with Product ID = PID and will store the data,
* fetch Customer with Customer ID = CID and will store the data, and
* fetch Order with Order ID = OID and will store the data.

The client protocol will:

* GET\_PRODUCT with ID and PUT\_PRODUCT with productModel,
* GET\_CUSTOMER with ID and PUT\_CUSTOMER with customerModel, and
* GET\_ORDER with ID and PUT\_ORDER with orderModel