Task1: Name: Adding a new product.

Related use cases:

1)

|  |  |
| --- | --- |
| Actor | System |
|  |  |
| Input data then click button “Add product”  Add product screen with input data | Hide “Add Product” screen and display successful message. |
| Click “OK” | Display Main Screen |

Add new customer

Customer**(customerId**, Name, Phone, Address)

|  |  |
| --- | --- |
| Actor | System |
|  | Add Customer |
| Input the customer data, then click “Add customer” |  |
| Click ok | Display main screen |

Add a new purchase

Purchased(**PurchaseId**, *CustomerID, ProductID*, Quantity, Price, TotalTax, TotalCost)

|  |  |
| --- | --- |
| Actor | System |
|  |  |
| A purchase can be recorded after fetching the purchase /order details |  |
|  | The purchase is recorded successfully. |
| Click Ok | Display main screen. |

2) ER DIAGRAM

ER diagram for the online store management system

**CLIENT-SERVER PROTOCOL:**

|  |  |
| --- | --- |
| CLIENT | SERVER |
| GET\_PRODUCT with id | Server will get product with productId = id |
| PUT\_PRODUCT with productModel | Server will store product data |
| GET\_CUSTOMER with id | Server will get customer with customerId = id |
| PUT\_CUSTOMER with customerModel | Server will store customer data |
| GET\_PURCHASE with id | Server will get purchase with  purchaseId = id |
| PUT\_PURCHASE with purchaseModel | Server will store purchase data |