3- tier

User Interface

MainView

A close up of a logo

Description automatically generated

AddProductView class;

A screenshot of a cell phone

Description automatically generated

AddCustomerView class :

A screenshot of a cell phone

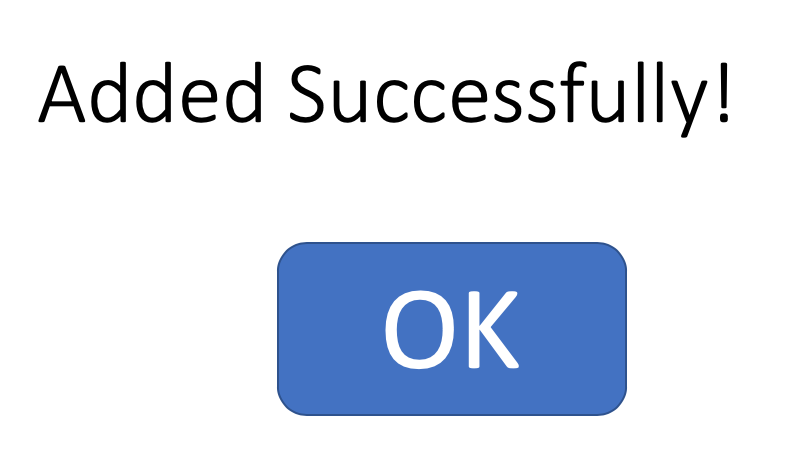
Description automatically generated

AddPurchaseView class :

A screenshot of a cell phone

Description automatically generated

Add successfully



The Ok button:

A close up of a sign

Description automatically generated

Business Logic:

ProductModel class: a store information of a product.

AddProductController: process events of AddProductView

CustmerModel class : store information of customer.

PurchaseModel class : store information of purchase

AddCustomerController: process events of AddCustmerView

StoreManager: main application object.

Data Access:

* SQLiteDataAda

User cases:

Addproduct

1st) adds all the elements passed by the user successfully if nothing is missing .

A screenshot of a computer

Description automatically generated

2) shows error message when fields like productid is missing

A screenshot of a computer

Description automatically generated

AddCustomer

1st) adds all the elements passed by the user successfully if nothing is missing .A screenshot of a cell phone

Description automatically generated

2) shows error message when fields like customerid is missing

A screenshot of a computer

Description automatically generated

AddPurchase

1st) adds all the elements passed by the user successfully if nothing is missing .

A screenshot of a cell phone

Description automatically generated

2) shows error message when fields like purchaseid is missing

A screenshot of a computer

Description automatically generated