3-tier:

User Interface:

* MainView class,

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| Store Management System  Add Product  Add Purchase  Add Customer |

* AddProductView class

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| Add Product Screen:  Add Product  Product ID  Name  Price  Quantity  Vendor  Description  Add  Cancel |

AddCustomerView

AddPurchaseView

Business Logic

ProductModel class: store information of a product

AddProductController: process events of AddProductView (AddButtonListener, CancelButtonListener)

CustomerModel class: store information of a customer

AddPurchaseController: process events of AddProductView (AddButtonListener, CancelButtonListener)

PurchaseModel class: store information of a customer

StoreManager: main application object

Main Controller: Controller for MainView

Data Access

* SQLiteDataAdapter class: read/write data
  + loadProduct, saveProduct
  + loadPurchase, savePurchase
  + loadCustomer, saveCustomer