logical and physical database design.

Customers(CustomerID\*, Name, Phone, Address)

Products(ProductID\*, Name, Price, Quantity, TaxRate, Vendor)

Puechases(PurchaseID\*, *CustomerID, ProductID*, Quantity, Price, Cost, Tax, Total, Date)

Users(Username\*, Password, Fullname, UserType, CustomerID)

﻿CREATE TABLE "Customers" (

"CustomerID" INTEGER NOT NULL,

"Name" TEXT DEFAULT 'Guest',

"Phone" TEXT DEFAULT '(334) 555-5555',

"Address" TEXT,

PRIMARY KEY("CustomerID")

);

﻿CREATE TABLE "Products" (

"ProductID" INTEGER NOT NULL,

"Name" TEXT,

"Price" REAL,

"Quantity" REAL,

PRIMARY KEY("ProductID")

);

﻿CREATE TABLE "Purchases" (

"PurchaseID" INTEGER NOT NULL,

"CustomerID" INTEGER NOT NULL,

"ProductID" INTEGER NOT NULL,

"Price" REAL NOT NULL,

"Quantity" REAL NOT NULL,

"Cost" REAL NOT NULL,

"Tax" REAL NOT NULL,

"Total" REAL NOT NULL,

"Date" TEXT NOT NULL,

PRIMARY KEY("PurchaseID")

);

﻿CREATE TABLE "Users" (

"Username" TEXT NOT NULL UNIQUE,

"Password" TEXT NOT NULL,

"Fullname" TEXT,

"Usertype" INTEGER,

"CustomerID" INTEGER,

PRIMARY KEY("Username")

);