

# Stock Maintenance System

Customer
Customer ID: Str
tName: Str
tContact: Int
tAddress: Str
tPlaceOrder()
tCancelOrder(): void
tUpdateDetails()

CustomerOrder

Order
Order ID: Str
tDate: Str
tTotalAmt: Double
tStatus: OrderStatus
tPlaceOrder(): void
tCancelOrder(): void
tConfirmOrder(): void
tTrackOrder(): Str

OrderStatus

Pending  
Confirmed  
Shipped

Product
tProductID: Str
tName: Str
tQuantity: Int
tPrice: Double
tUpdateStock(): void

to ordered products

Supplied Product

Supplier
Supplier ID: Str
tName: Str
tContact: Int
tCompany: Str
tSupplyProduct(): void
tGenerateProduct(): Product
tUpdateDetails(): void
tManageOrders(): void

Interactions

Inventory Manager

tmanageID: Str
tname: Str
tcontact: Int
temail: Str
tmonitorStock(): Str
tgenerateReport(): Str
tupdateInventory(): void

manage products