

Stock Management System

Supplier

Customer

Product

Product ID

Name

Price

Quantity

Update price

Update quantity

Inventory

Order line
Order
Product
Quantity
Price
Total

Non perishable

Product

expiry date

is-expired

Non perishable

product

expiry date

check expiry date

7 days

1 "Value product"

Inventory

product

Structure

with expiry

update inventory

levels

check - stock

Customer

with ID

location

expiry

check expiry

show expiry

before expiry

expired product

Order

Order ID

Product ID

Order date

Status

add - product()

Update - status

Supplier

Supp-ID

Name

Contact info

add-supplier()

Update supplier

information

Purchase

quantity

purchase order no

Supplier

Product

Order date

Place order

track order - status

placed order