

Design for makro

files

- 1.person
- 2.stock
- 3.sales
- 4.test

classes:

- 1.person
- 2.customer
- 3.employee
- 4.manager
- 5.cashier
- 6.product
- 7.payment
- 8.supplies
- 9.inventory
- 10.company
- 11.Cart
- 12.Application

classification of classes:

under person:

- 1.person class
- 2.customer class
- 3.cashier class
- 4.manager class
- 5.company class

under stock:

- 1.product class
- 2.inventory class
- 3.supplies class

under sales:

- 1.payment class
- 2.cart class

under test:

- 1.application class

variables and methods :

1.Person class

first name

last name

date of birth

email address

gender

phone number

address

2.Customer class:

card

METHODS

select product

pay product

reject product

change product

3.Employee class:

employee number

id number

user name

pass word

METHODS

scan product

cancel product

4.company class:

METHODS

login

print receipt

5.Inventory class:

name

address

phone number

email

METHODS

check stock

givers order
check order

6.Supplies class:
address
email address
phone number

METHODS

takes order
delivers order

7.Product class
name
price
bar code
expired date
manufacturing date
quantity

8.Payment class
date
time
total payment
balance
price
quantity

METHODS

type of payment

9.Manager class

METHODS

cancel product
scan product
gives paymet

10.Cashier class:

METHODS
sales product

manager and cashier class has a relationship with the employee class

11.Cart class

price
quantity
name