



INFORMATION TECHNOLOGY
UNIVERSITY

OOP-Semester Project

RAFAY AAMIR GULL

BSEE-19047

Submission 2

Class Diagram & relation:

Customer

Properties:

Private Name: string

Private Contact no: string

Private City: string

Private Country: string

Private Bill: Double

Behaviors:

Public Customer(): Customer

Public Productinfo()

Public Customerinfo()

Public CustomerCart()

Public CartTotatBill()

IrregularCustomer

Properties:

Public discount: double

Behaviors:

Public

IrregularCustomer(name,cno,bill):

RegularCustomer

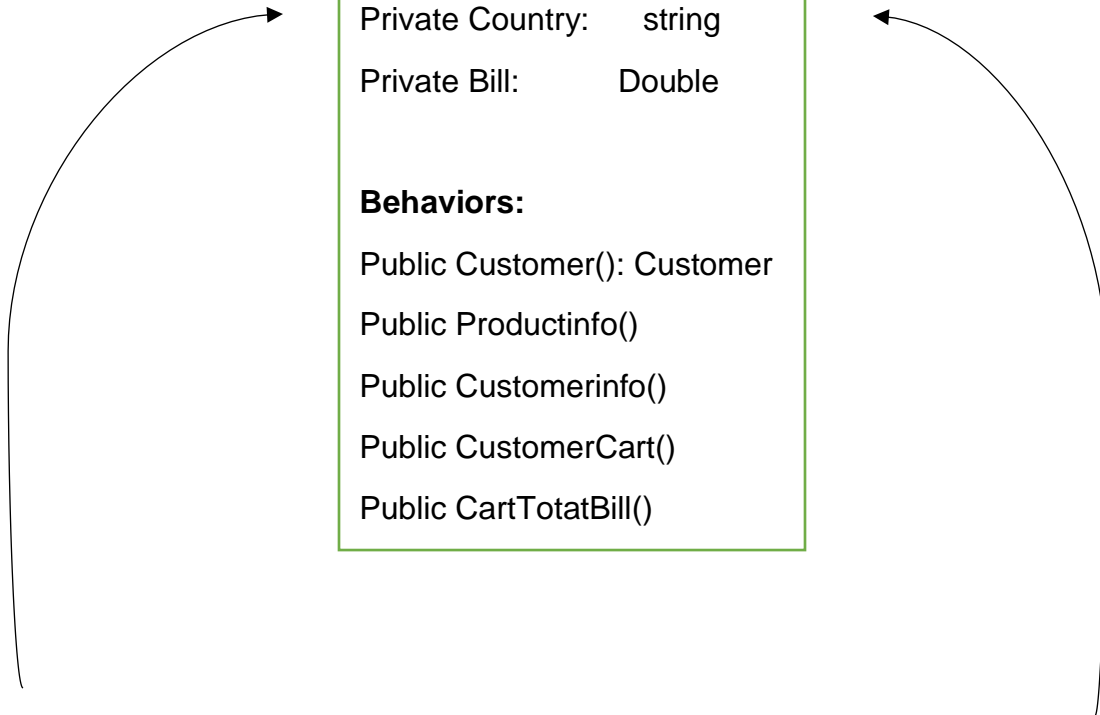
Properties:

Public discount: double

Behaviors:

Public

RegularCustomer(name,cno,bill):



Employee

Properties:

Private Name: string

Private gender: String

Private salary: int

Behaviors:

Public Maleemployee(name,salary)

Public Femaleemployee(name,salary)

Public other(name,salary)

Maleemployee

Properties:

Private Name: string

Private post: string

Private salary: String

Behaviors:

Public manager(name,salary)

Public cashier(name,salary)

Public labor(name,salary)

Femaleemployee

Properties:

Private Name: string

Private post: string

Private salary: String

Behaviors:

Public manager(name,salary)

Public cashier(name,salary)

Public labor(name,salary)

Other

Properties:

Private Name: string

Private post: string

Private salary: String

Behaviors:

Public manager(name,salary)

Public cashier(name,salary)

Public labor(name,salary)

Manager

Properties:

Private loginID: string

Private password string

Behaviors

Public manager(String,int)

Public getemployeeinfo()

Public vendorinf()

Public addemployee()

Public removeemployee()

Public editemployee()

Public addvendor()

Public subtractvendor()

Cashier

Properties:

Private loginID: string

Private password string

Behaviors

public cashier(String,int)

Public getemployeeinfo()

Public forbilling()

Labor

Behaviors

Public labor(name,salary)

Vendor

Properties:

Private Name: string

Public Duration: int

Behaviors:

Public Vendor(string);

Public regular(string)

Public new(string)

NewVendor

Properties:

Private Name: string

Behaviors:

Public NewVendor(string);

RegularVendor

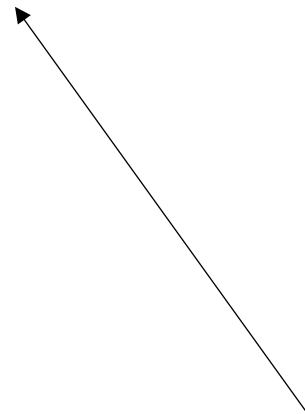
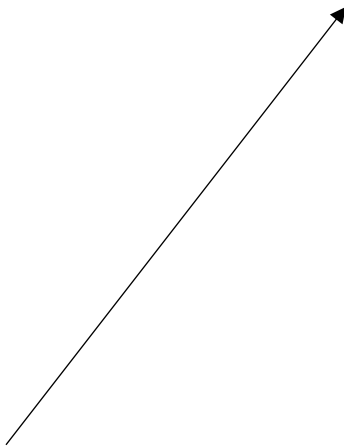
Properties:

Private Name: string

Private Duration int

Behaviors:

Public RegularVendor(string);



Boss

Properties:

Private name string

Private password int

Behaviors:

Public boss(string,int)

Public employeeinfo()

Public vendorinfo()

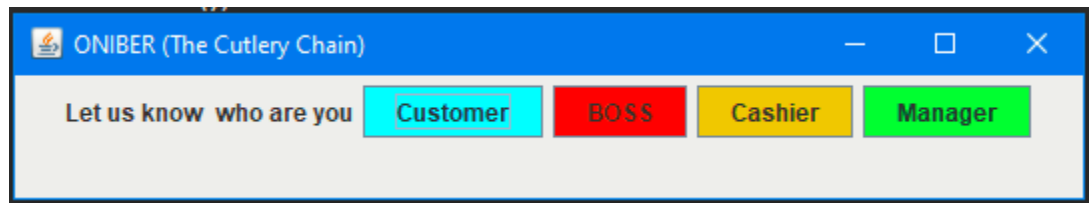
Public products()

Public customerinfo()

List of Files and their data:

File	DATA							
Productinfo.csv	Name	Size	Material	Type	Price	Weight	description	
Employeeinfo.csv	Name	Gender	Salary	Post	Id	password		
Customerinfo.csv	Name	Contact no	City	Country	bill	Discount	visited	
Vendorinfo.csv	Name	Office location	Contact no	duration				

Progress:



After running the code this window appears and when I click on customer button then Customer's Window appears and looks like:

Customer's Window

Detailed List of Our Products

10	Fork	small/ Medium/ Large	Steel	Fresh	30/40/50	22/42/62	Stylish
11	Fork	small/ Medium/ Large	wood & Stainless Steel	Fresh	50/70/85	27/47/57	Stylish and unique for special occasions
12	Fork	small/ Medium/ Large	NA	Antique	70/85/100	30/50/70	Unique and Stylish for special occasions
13	spoon+Knife+Fork	small/ Medium/ Large	Stainless Steel	Fresh	1300//	NA	6xDinnerSpoon + 6xDinnerFork + 6xDinnerKnife
14	spoon+Knife+Fork	small/ Medium/ Large	Steel	Fresh	880//	NA	6xDinnerSpoon + 6xDinnerFork + 6xDinnerKnife
15	spoon+Knife+Fork	small/ Medium/ Large	wood & Stainless Steel	Fresh	1540//	NA	6xDinnerSpoon + 6xDinnerFork + 6xDinnerKnife
16	spoon+Knife+Fork	small/ Medium/ Large	NA	Antique	1900//	NA	6xDinnerSpoon + 6xDinnerFork + 6xDinnerKnife

Customer's info
Name:
Contact Number #:
City
Country
Confirm

Description:

On the top of the window it shows Company's Product list with complete description and price. After that customer have to write name, Contact no, City, Country. When he press confirm then customer's information will be written in customerinfo.csv file and some content will be added to the Frame (Customer's Window).

Customer's Window

Detailed List of Our Products

10	Fork	small/ Medium/ Large	Steel	Fresh	30/40/50	22/42/62	Stylish
11	Fork	small/ Medium/ Large	wood & Stainless Steel	Fresh	50/70/85	27/47/57	Stylish and unique for special occasions
12	Fork	small/ Medium/ Large	NA	Antique	70/85/100	30/50/70	Unique and Stylish for special occasions
13	spoon+Knife+Fork	small/ Medium/ Large	Stainless Steel	Fresh	1300//	NA	6xDinnerSpoon + 6xDinnerFork + 6xDinnerKnife
14	spoon+Knife+Fork	small/ Medium/ Large	Steel	Fresh	880//	NA	6xDinnerSpoon + 6xDinnerFork + 6xDinnerKnife
15	spoon+Knife+Fork	small/ Medium/ Large	wood & Stainless Steel	Fresh	1540//	NA	6xDinnerSpoon + 6xDinnerFork + 6xDinnerKnife
16	spoon+Knife+Fork	small/ Medium/ Large	NA	Antique	1900//	NA	6xDinnerSpoon + 6xDinnerFork + 6xDinnerKnife

Customer's info
Name: RAFAY AAMIR
Contact Number #: XXXXXXXXXX
City: LAHORE
Country: PAKISTAN
Confirm

Hi,RAFAY AAMIR What do wanna buy? Enter the Deatails here:
Product ID:
Size:
Quantity:
Add to cart

Now, Customer has to enter the info about product that he wanna buy.

Ex: Product id, It's Size, and no of pieces.

When Customer presses the button (Add to cart) the Customer's window will be modified like this.

Customer's Window

Detailed List of Our Products

10	Fork	small/ Medium/ Large	Steel	Fresh	30/40/50	22/42/62	Stylish
11	Fork	small/ Medium/ Large	wood & Stainless Steel	Fresh	50/70/85	27/47/57	Stylish and unique for special occasions
12	Fork	small/ Medium/ Large	NA	Antique	70/85/100	30/50/70	Unique and Stylish for special occasions
13	spoon+Knife+Fork	small/ Medium/ Large	Stainless Steel	Fresh	1300//	NA	6xDinnerSpoon + 6xDinnerFork + 6xDinnerKnife
14	spoon+Knife+Fork	small/ Medium/ Large	Steel	Fresh	880//	NA	6xDinnerSpoon + 6xDinnerFork + 6xDinnerKnife
15	spoon+Knife+Fork	small/ Medium/ Large	wood & Stainless Steel	Fresh	1540//	NA	6xDinnerSpoon + 6xDinnerFork + 6xDinnerKnife
16	spoon+Knife+Fork	small/ Medium/ Large	NA	Antique	1900//	NA	6xDinnerSpoon + 6xDinnerFork + 6xDinnerKnife

Customer's info

Name:

RAFAY AAMIR

Contact Number # :

XXXXXXXXXXXXXX

City

LAHORE

Country

PAKISTAN

Confirm

Hi,RAFAY AAMIR What wanna buy? Enter the Deatails here:

Product ID:

2

Size:

large

Quantity:

10

Add to cart

RAFAY AAMIR's Cart

2	large	10
---	-------	----

Remove

Total:

Customer's name will be displayed as shown above and info of his cart as well.

If Customer wants to remove his cart then he just have to press the button (Remove) and his cart will become empty.