OOP-Semester Project

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BSEE-19047

Final Report

Language: I've used JAVA for my project and my project is GUI based
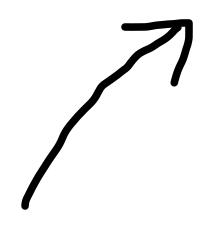
Class Diagram & relation:

Class: Customer

Properties:
```
Private String name,phno,city,country,idno,psize;
private double bill=0;   private int quant=1;
```

Behaviors:
```
public Customer()
public Customer(JFrame cs)
public void productinfo(JFrame cs)
public String padString(String str, int n)
public void customerinfo(JFrame cs)
public void customerinfo2(JFrame cs)
public void customercart(JFrame cs,FileOutputStream fos,String info)
public void customercart1(JFrame cs,FileOutputStream fo,String inf)
public double CartTotalBill(int i,String s,int q)
public double total(int q,int i,String s)
public void proceed(TextArea ta,FileOutputStream fos,String info,JFrame cf)
public void forbilling(TextArea ta,FileOutputStream fos,String info,JFrame cf)
public Boolean check(int i,int no)
```

Class: Vendor

Properties:
```
public String name;
public String Location;
public String duration;
public String Phoneno;
```
Behaviors:
```
public void vendorinfo()
public void addvendor()
public void removevendor()
```

Class: Employee

Properties:
public String name;
public String gender;
public String salary;
public String post;
public String id;
public String password;
Behaviors:
public employee()

Class: Manager

Behaviors:
public manager()
public Boolean LOGIN(JFrame cs,TextArea i,TextArea p)
public void addproduct()
public void getemployeeinfo()
public void addemployee()
public void removeemployee()
public void editemployee()

Class: Cashier

Behaviors:
public cashier()
public boolean login(JFrame cs,TextArea i,TextArea p)

```
Class:  Boss

Properties:
private String name;
private String password;

Behaviors:
public boss()
public Boolean LOGIN(JFrame cs,TextArea i,TextArea p)
public void getemployeeinfo()
public void productinfo()
public void customersinfo()
public void removeemployee()
```

File:

BOSS.csv

Customerinfo.csv

Employee.csv

Vendorinfo.csv

Productinfo-forc.csv

Productinfo-foremployee.csv

Achievement:

I've learned new concepts.

Improvements:

I would like to do my project using window builder in the future.