<<interface>> Subject
+ AcceptRefund(Observer):void
+RejectRefund(Observer):void
+notifyObservers():void

<<interface>> Observer
+update(email:String , state:String):void

Services
-providers:List<Service_provider>
+payment():void
+get_Providers():void
+showProviders():void
+getProviders():List<Service_provider>

<<interface>> Base Reciept
+getOrderDetails():Order

User
-username:String
-type:String
-email:String
-password:String
+User(email:String , type:String , password:String , username:String)
+getUsername():String
+getType():String
+getEmail():String
+getPassword():String
+toString():String

Refunt File
-email:String
-State:String
+update(request:String ,state:String)
+changeInFile(Order):void

Mobile recharge
+payment():void
+get_Providers():void

Internet Payment
+payment():void
+get_Providers():void

Landline
+payment():void
+get_Providers():void

Donations
+payment():void
+get_Providers():void

Reciept
-Order:order
+Receipt(o:Order)
+getOrderDetails():Order

Recipt Decorator
-reciept:BaseReciept
+Recipt Decorator(reciept:BaseReciept)
+getOrderDetails():Order

Admin
-observers:ArrayList<Observer>
-State:String
-email:String
+Admin(emai:String , type:String, password:String, username:String)
+AcceptRefund(Observer):void
+RejectRefund(Observer):void
+notifyObservers():void
+statesChanged():void
+setSate(email:String ,State:String):void

Client
-walletBalance:double
-ordersList:ArrayList<Order>
-state:boolean
+Client(email:String , type:String , password:String, username:String , walletBalance:double)
+getWalletBalance():double
+tostring():string
+addOrder(Order):void
+getOrderlist():ArrayList<Order>
+setWalletBalance(double):void

Client Creator
-client:Client
+ClientCreator(client:Client)
+createServices(type:String):Services
+fawryPayment(type:String):Services

Service_provider
-name:String
+get_answer():ArrayList<String>
+getName():String
+setName(name:String):void

Discount
-discountValue:double
+Discount(reciept:BaseReciept , discountValue:double)
+getOrderDetails():Order

Order
-email:String
-serviceName:String
-servicePrice:String
+Order(email:String , serviceName:String , servicePrice:String)
+setEmail(email:String):void
+setServiceName(serviceName:String):void
+setServicePrice(serviceePrice:String):void
+getServiceName():String
+getEmail():String
+getServiceePrice():String
+ShowOrder():void

PaymentMethod
-reciept:BaseReciept
-discountList:DiscountList
-creator:Client
+payment_method(reciept:BaseReciept , creator:Client)
+performPay():String

Field_decorato
-sp:Service_provider
+Field_decorator(sp:Service_provider)
+get_answer():ArrayList<String>

Database
-file:File
-scanner:Scanner
-instance:Database
-Database()
+getUsers():ArrayList<User>
+getinstance():Database

PayCash
+pay_cash(reciept:BaseReciept , creator:Client)
+performPay():String

PayWithCard
+pay_with_card(reciept:BaseReciept , creator:Client)
+performPay():String

PayWithWallet
+pay_with_wallet(reciept:BaseReciept , creator:Client)
+performPay():String

Reciept
+Receipt(sp:Service_provider)
+get_answer():Arraylist<string>

Amount
+Amount(sp:Service_provider)
+get_answer():Arraylist<string>

Phone Number
+Phone_number(sp:Service_provide)
+get_answer():Arraylist<string>

Home Number
+Home_number(sp:Service_provider)
+get_answer():Arraylist<string>

Authentication
-database:Database
-email:String
-password:String
+Authentication(email:string , password:string)

Login
+Login(email:String, password:String)
+userLogin():User
+verify():boolean

Register
-username:String
+Register(email:String, password:String, username:String)
+register():void

DiscountList
-instance:DiscountList
-discountList:HashMap<String, Double>
+getInstance():DiscountList
+getDiscountList():HashMap<String, Double>
+addDiscount(serviceName:String , discount:double):void

DiscountCondition
-discountValue:double
-firstTimeOnly:boolean
+DiscountCondition(discountValue:double , firstTimeOnly:boolean)
+getDiscountValue():double
+isFirstTimeOnly():boolean