User *(abstract)*

-userID:String

-username:String

-password:String

+login():boolean

+viewDashboard(): void(abtract)

Customer

-address:String

-orderHistory: List<Order>

+placeOrder()

+makePayment()

RetaurantOwner

-restaurant:Restaurant

DeliveryAgent

+pickOrder()

+markAsDelivered()

Adm

Restaurant

-restaurant:String

-name:String

-menu:List<FoodItem>

+addFoodItem(): void

+updateMenu(): void

FoodItem

-itemId:String

-name:String

-description:String

-price:double

Order

-orderID:String

-customer:Customer

-restaurant:Restaurant

-items:List<FoodItems>

-status:String

-timestamp: Date

+calculateTotal(): double

+updateStatus(): void

in

<<interface>> PaymentMethod

+ pay(amount: double): void

CreditCardPayment

+ pay(amount: double): void

UPIPayment

+ pay(amount: double): void

CashOnDelivery

+ pay(amount: double): void