|  |
| --- |
| Staff |
| -staffName:string  -staffMail:string  -staffAddress:string  -stafContactNo:int |
| +viewOrders()  +updateDelivary()  +viewPaymentDetails()  +viewProductDetails() |

|  |
| --- |
| **User** |
| -loginId:int  -passwd:string  -userCreatedDate:int |
| +validateUser() |

|  |
| --- |
| Admin |
| -adminName:string  -adminMail:string  -adminAddress:string  -adminContactNo:int |
| +updateApplication()  +updateDatabase()  +updateMaint() |

|  |
| --- |
| **Customer** |
| -custName:String  -custMail:string  -custAddress:string |
| +Register()  +login()  +updateProfile() |

|  |
| --- |
| Add to Cart |
| -cartId:int  -productId:int  -quantity:int  -dateAdded() |
| +updateItem()  +updateQuantity()  +viewCartDetails()  +checkout()  0….\* |

|  |
| --- |
| Seller |
| -sellerName:String  -sellerEmail:String  -sellerAddress:String  -sellerContactNo:int |
| +updateCatlog()  +addReviews() |

|  |
| --- |
| Billing |
| -orderId:int  -productId:int  -productName:string  -quantity:int  -unitCost:float  -subTotal:float |
| +calTotal()  +showTotal() |

|  |
| --- |
| ProductCatlog |
| -ProductName:string  -productId:int  -productPrice:float  -ProductReviewandRatings:string |
| +showproductDetails() |

|  |
| --- |
| promotionandReward |
| -productPromotion:string  -productReward:string |
| +showPromotionReward() |

|  |
| --- |
| Confirmation |
| -addProduct:int  -totalBill:float |
| +calBill()  +showBilldetails()  +showOrderDetails()  +validateConfiramtion(Boolen)  +sendMail() |

|  |
| --- |
| Out of stock Product |
| -productId:int  -productName:string  -productQuantity:int |
| +calProducQuantity()  +showProductDetails() |

|  |
| --- |
| OrderProcessing |
| -orderId:int  -dateCreated:string  -dateShipped:string  -custName:string  -custId:int  -status:String  -shipppingId:String |
| +placeOrder() |

|  |
| --- |
| Shipping |
| -shippingId:int  -shippingAddress:string  -shippingCost:int  -shippingRegionId:int  -shippingDuration:string |
| +updateShippingInfo() |