

# User

## Responsibilities

- To authenticate login
- Knows Email ID
- Knows Password
- Knows Contact Number
- Knows Name
- Knows user-type

## Collaborators

- Customer
- Shopkeeper

# Customer

## Responsibilities

- Edit cart
- Cancel Order
- Check Credit Balance
- Pay Credit Balance
- Knows Defaulter(yes/NO)
- Knows Credited Balance
- Knows Transaction History
- Knows Cart
- Knows wallet balance

## Collaborators

- Shop
- Moderator
- Delivery Boy
- Item
- Transaction
- User

# Shopkeeper

## Responsibilities

- Knows Shop Name
- Knows Checkout Account Number
- Knows pending amount
- Knows Transaction History
- Knows Holiday's list
- Adds Items for Display
- Register the Shop
- Adds new holiday
- Update record

## Collaborators

- Shop
- Moderator
- User

# Shop

## Responsibilities

- Knows type
- Knows name
- Knows timing
- Knows Items Available
- Knows Shopkeeper
- Knows working days
- Search item

## Collaborators

- Customer
- Shopkeeper
- Items
- Transaction

# Item

## Responsibilities

- Knows Price
- Knows Key-words
- Knows description
- Knows item ID
- Knows Quantity Available
- Match Keyword

## Collaborators

- Customer
- Shop
- Transaction

# Delivery Boy

## Responsibilities

- Knows Name
- Knows Contact Number
- Knows Transaction to proceed
- Receive Cash on Delivery
- Delivers Item

## Collaborators

- Customer
- Moderator
- Transaction

# Transaction

## Responsibilities

- Knows Customer
- Knows Shop
- Knows Payment Details
- Knows Delivery Boy
- Knows Delivery Slot
- Knows Delivery Place
- Knows Item
- Knows Payment Status
- Knows payment date
- Knows transaction ID
- Get\_details
- Is\_possible
- Check out

## Collaborators

- Customer
- Shop
- Moderator
- Delivery Boy
- Item

## Moderator

### Responsibilities

- Knows Pending Amount to Collect
- Knows Pending Amount to give
- Knows Pending Transactions
- Knows Completed Transactions
- Knows Login details
- Knows Delivery Boy Available
- Find delivery Boy
- Knows Delivery Boys
- Change Delivery Boy Availability
- Collects Payment
- Pays Shopkeeper
- Generate Spreadsheet
- Mark defaulters
- Add new holiday

### Collaborators

- Customer
- Shopkeeper
- Transaction
- Delivery Boy