

CRC Cards

Class: User

User	
Responsibilities Authenticate and manage login/logout Maintain profile data Update or delete account Provide base structure for specialized roles	Collaborators Customer Vendor Rider

Class: Customer

Customer	
Responsibilities Place and manage orders Add/remove favourite items View order history and rate vendors	Collaborators Order OrderItem MenuItem Favourites Rating

Class: Vendor

Vendor	
Responsibilities Create and update memory Manage order status and availability View sales and analytics	Collaborators MenuItem MenuCategory Order Rating

Class: Rider

Rider	
Responsibilities Accept delivery orders Update delivery status and availability	Collaborators Order Customer Vendor

Class: Order

Order	
Responsibilities Maintain order details Calculate total cost Update and track order status	Collaborators Customer OrderItem MenuItem Vendor OrderHistory Rating

Class: OrderItem

OrderItem	
Responsibilities Store quantity and price of ordered menu items Calculate subtotal for each item	Collaborators Order MenuItem

Class: MenuItem

MenuItem	
Responsibilities Maintain food items detail Update price and availability Belong to specific category	Collaborators MenuCategory Vendor OrderItem Favourites

Class: MenuCategory

MenuCategory	
Responsibilities Organize menu items under specific categories	Collaborators MenuItem Vendor

Class: Favorites

Favorites	
Responsibilities Maintain customer's list of favourite items Add or remove items from favourites	Collaborators Customer MenuItem

Class: Rating

Rating	
Responsibilities Allows customers to rate and review vendors or orders Store and calculate average ratings	Collaborators Order Customer Vendor

Class: OrderHistory

OrderHistory	
Responsibilities Record status changes or delivery updates for an order Log time and note of each change	Collaborators Order Rider Customer

Class: Recipe

Recipe	
Responsibilities Store and manage recipe details Allow user submissions or edits Support tagging and search	Collaborators User RecipeTag RecipeTagMap

Class: RecipeTag



Class: RecipeTagMap

