

CRC Cards

Class: User

User	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Manage login/logout• Provide base structure for specialized roles	<ul style="list-style-type: none">• Customer• Vendor• Rider

Class: Customer

Customer	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Place and manage orders• Add/remove favourite items	<ul style="list-style-type: none">• Order• OrderItem• MenuItem• Favourites• Rating

Class: Vendor

Vendor	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Create and update menu• Manage order status and availability• View sales and analytics	<ul style="list-style-type: none">• MenuItem• MenuCategory• Order• Rating

Class: Rider

Rider	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Accept delivery orders• Update delivery status and availability	<ul style="list-style-type: none">• Order• Customer• Vendor

Class: Order

Order	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Maintain order details• Calculate total cost• Update and track order status	<ul style="list-style-type: none">• Customer• OrderItem• MenuItem• Vendor• OrderHistory• Rating

Class: OrderItem

OrderItem	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Store quantity and price of ordered menu items• Calculate subtotal for each item	<ul style="list-style-type: none">• Order• MenuItem

Class: MenuItem

MenuItem	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Maintain food items detail• Update price and availability• Belong to specific category	<ul style="list-style-type: none">• MenuCategory• Vendor• OrderItem• Favourites

Class: MenuCategory

MenuCategory	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Organize menu items under specific categories	<ul style="list-style-type: none">• MenuItem• Vendor

Class: Favorites

Favorites	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Maintain customer's list of favourite items• Add or remove items from favourites	<ul style="list-style-type: none">• Customer• MenuItem

Class: Rating

Rating	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Allows customers to rate and review vendors or orders• Store and calculate average ratings	<ul style="list-style-type: none">• Order• Customer• Vendor

Class: OrderHistory

OrderHistory	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Record status changes or delivery updates for an order• Log time and note of each change	<ul style="list-style-type: none">• Order• Rider• Customer

Class: Recipe

Recipe	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Store and manage recipe details• Allow user submissions or edits• Support tagging and search	<ul style="list-style-type: none">• User• RecipeTag• RecipeTagMap

Class: RecipeTag

RecipeTag	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Maintain list of available tags for recipes• Enable tag-based filtering	<ul style="list-style-type: none">• Recipe• RecipeTagMap

Class: RecipeTagMap

RecipeTagMap	
Responsibilities	Collaborators
<ul style="list-style-type: none">• Link recipes woth one or more tags• Manage tag assignment and retrieval	<ul style="list-style-type: none">• Recipe• RecipeTag