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**Project Title:**      *Fast-Food*

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**Course Title:**      Software Construction & Development

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**Department:**      Computing ( *Software Engineering* )

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**Submitted To:**      Islam Abbasi

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# DESCRIPTIVE USE CASES

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Use Case No.	UC-01		
Use Case Name	Sign Up Account		
Actor:	Customer		
Type:	Primary		
Description:	A customer registers a new account in the system to place orders and access services.		
Preconditions:	<ul style="list-style-type: none"><li>Customer must have internet access.</li><li>Customer has valid email/phone number.</li></ul>		
Postconditions:	<ul style="list-style-type: none"><li>Account created and stored in system.</li></ul>		
Normal Flow			
Actor Action		System Response	
1. Customer selects “Sign Up”.		2. System opens registration form.	
3. Customer enters details (name, email, password).		4. System validates input format.	
5. Customer submits form.		6. System saves data and confirms account creation.	
Alternative Flow			
A3.1:	Invalid details → System highlights error → User re-enters.		
A5.1:	Email/phone already registered → System shows “Account Exists” → User prompted to login.		

Use Case No.	UC-02
Use Case Name	Browse Food Menu
Actor:	Customer
Type:	Primary
Description:	Customer views available food items in the menu.
Preconditions:	<ul style="list-style-type: none"><li>Customer is logged in.</li></ul>
Postconditions:	<ul style="list-style-type: none"><li>Food items displayed to customer.</li></ul>
Normal Flow	
Actor Action	System Response
1. Customer selects “Food Menu”.	2. System loads available items.
3. Customer browses items.	4. System shows item details (price, description, availability).
Alternative Flow	
A2.1:	If menu not available → System shows “Menu unavailable” message.

Use Case No.	UC-03		
Use Case Name	Confirm Order		
Actor:	Customer		
Type:	Primary		
Description:	Customer confirms and places an order after adding items to cart.		
Preconditions:	<ul style="list-style-type: none"><li>Customer has selected items in cart.</li><li>Customer has a valid payment method.</li></ul>		
Postconditions:	<ul style="list-style-type: none"><li>Order confirmed and saved.</li><li>Order ID generated.</li></ul>		
Normal Flow			
Actor Action		System Response	
1. Customer views cart.		2. System displays items with total price.	
3. Customer confirms order.		4. System saves order and generates Order ID.	
5. Customer selects payment.		6. System processes payment and confirms.	
Alternative Flow			
A5.1:	Invalid payment → System shows error → Customer retries.		
A3.1	Order confirmation fails → System shows “Try Again Later”.		

Use Case No.	UC-04		
Use Case Name	Rate Service		
Actor:	Customer		
Type:	Primary		
Description:	Customer provides feedback on food and delivery service.		
Preconditions:	<ul style="list-style-type: none"><li>Order completed and delivered.</li></ul>		
Postconditions:	<ul style="list-style-type: none"><li>Rating stored for analytics.</li></ul>		
Normal Flow			
Actor Action		System Response	
1. System prompts customer for rating after order.		2. Customer selects stars/enters comments.	
3. Customer submits rating.		4. System saves rating in database.	
Alternative Flow			
A3.1:	Rating submission fails → System prompts retry.		

Use Case No.	UC-05		
Use Case Name	Track Delivery		
Actor:	Delivery Rider		
Type:	Primary		
Description:	Rider tracks customer address and delivery route.		
Preconditions:	<ul style="list-style-type: none"><li>Order assigned to rider.</li></ul>		
Postconditions:	<ul style="list-style-type: none"><li>Rider navigates to customer location.</li></ul>		
Normal Flow			
Actor Action		System Response	
1. Rider selects “Track Delivery”.		2. System retrieves delivery address.	
3. Rider views map.		4. System shows real-time route navigation.	
Alternative Flow			
A3.1:	Map service unavailable → System shows “Location Error”.		

Use Case No.	UC-06		
Use Case Name	Update Delivery Status		
Actor:	Delivery Rider		
Type:	Primary		
Description:	updates the delivery status during the process.		
Preconditions:	<ul style="list-style-type: none"><li>Rider logged into system.</li></ul>		
Postconditions:	<ul style="list-style-type: none"><li>Delivery status updated.</li></ul>		
Normal Flow			
Actor Action		System Response	
1. Rider selects “Update Status”.		2. System displays status options (Picked, On the Way, Delivered).	
3. Rider updates status.		4. System saves status and notifies customer.	
Alternative Flow			
A3.1:	Update fails → System shows retry option.		