

Pseudocode

FR1 : User Authentication

START

DISPLAY already “have account”

IF Yes THEN

 INPUT username and password

 WHILE input is not valid

 DISPLAY "Invalid username or password"

 INPUT username and password

 ENDWHILE

 DISPLAY "Login successful"

ELSE

 INPUT username, email and password

 WHILE input is not valid

 DISPLAY "Invalid input"

 INPUT username, email and password

 ENDWHILE

 SAVE user data into database

 DISPLAY "Registration successful"

ENDIF

END

FR2 : Menu Browsing

START

DISPLAY food menu

INPUT user to enter search keyword or select filter category or price

INPUT userInput

IF userInput is not empty THEN

 SEARCH food items based on userInput

 FILTER food items based on selected category or price

END IF

IF matching food items are found THEN

 DISPLAY food item details name, description or price

ELSE

 DISPLAY "No food items found"

END IF

END

FR3 : Cart Management

BEGIN

DISPLAY food menu

USER selects food item

ADD selected item to cart

WHILE user wants to manage cart

DISPLAY cart options

INPUT user choice

IF choice = "Update Quantity" THEN

INPUT new quantity

UPDATE item quantity in cart

ELSE IF choice = "Remove Item" THEN

REMOVE selected item from cart

ELSE

EXIT cart management

ENDIF

ENDWHILE

DISPLAY updated cart

END

FR4 : Order Processing & Payment

START

ASK user Proceed To Checkout

CALCULATE subtotal

ASK if there any discount

IF discount = Yes THEN

Final Amount = subtotal - discount

ELSE

Final Amount = subtotal

ENDIF

DISPLAY Final Amount

ASK user to select Payment Method

PROCESS Payment

IF Payment Successful THEN

DISPLAY Order placed successfully

PROCESS Order

ELSE

DISPLAY Payment Failed

ENDIF

END

FR5 : Order Tracking

START

INPUT Order ID

RETRIEVE Order Status

DISPLAY Order Status

WHILE (Order Status != “Delivered”)

 UPDATE Order Status (Preparing or Out for Delivery)

 DISPLAY Order Status

 REFRESH Order Status

END WHILE

DISPLAY Order Delivered

END