Here’s a summarized version of the use case model for the Food Delivery System (FDS):

System Name:

Food Delivery System (FDS)

Use Cases Overview:

1. User Registration

• Goal: Allow new users to register.

• Actor: Customer.

• Process: Customer fills out a registration form, submits it, and receives confirmation of account creation.

2. User Login

• Goal: Allow registered users to log in.

• Actor: Customer.

• Process: Customer enters email and password to access the system.

3. Browse Menu

• Goal: Enable customers to view food items.

• Actor: Customer.

• Process: Customer navigates to the menu, and the system displays available food items with details such as price

4. Place Order

• Goal: Allow customers to place food orders.

• Actor: Customer.

• Process: Customer adds items to the cart, proceeds to checkout, enters delivery and payment details, and receives order confirmation.

5. Payment Processing

• Goal: Process payments for orders.

• Actor: Customer.

• Process: Customer selects a payment method, submits payment details, and receives confirmation of payment.

6. Order Tracking

• Goal: Enable customers to track their order status.

• Actor: Customer.

• Process: Customer checks the order tracking section to view the current status of their order.

7. Rate and Review

• Goal: Allow customers to rate and review food items.

• Actor: Customer.

• Process: Customer submits a rating and review after receiving their order, which the system saves.

Conclusion:

This model outlines the essential functionalities of the Food Delivery System, detailing user interactions from registration to order tracking and feedback submission.

**USE CASE DIAGRAM**

A diagram of a restaurant

Description automatically generated

**SEQUENCE DIAGRAM**

A screenshot of a diagram

Description automatically generated

**CLASS DIAGRAM**

