# Food Delivery System Scenario

## Interaction Flow for Restaurant, Customer, and Delivery Roles

## 1. Restaurant Registration and Menu Setup

- **Step 1:** Launch the app and choose "restaurant."
  - Options:
    - Restaurant
    - Customer
    - Delivery
    - Type `exit` to exit the app.

- **Step 2:** Select `signup` to register as a new restaurant.
  - **Enter Restaurant Details:**
    - Name: `Touch of Class`
    - Address: `Turker road`
    - Phone Number: `256700123456`
    - Opening Time: `10:00`
    - Closing Time: `22:00`
    - Password: `password123`
  - Set the Menu:
    - Number of items: 3
    - Menu items with prices:
      - `Spaghetti Carbonara` - 15000 UGX
      - `Penne Arrabbiata` - 14000 UGX
      - `Lasagna` - 20000 UGX

- **Step 3: Log out and return to the main menu.**

## 2. Customer Registration and Placing an Order

- **Step 1:** Go to the main menu, choose `customer`.
- **Step 2:** Select `signup` to create a new customer profile.
  - Enter Customer Details:
    - Name: `Mawejje Yokana`
    - Address: `Nsibambi Hall`
    - Phone Number: `256700987654`
    - Password: `password456`

- **Step 3:** Log in as a customer, choose `order` to place an order.
  - Choose a restaurant (options displayed):
    - `Touch of Class`
    - `Canopy`
  - Enter the number of items: 2
  - Select items from the menu:

- `Spaghetti Carbonara`
  - `Lasagna`
 - Payment Options:
   - Payment method: `mobile`
   - Phone number: `256700987654`
 - Confirm payment with OTP:
   - OTP: `123456`
   - Confirmation: "OTP verified successfully. Order placed successfully!"

**Step 5: Log out and return to the main menu.**


# 3. Delivery Person Registration


- **Step 1:** Go to the main menu, choose `delivery`.
- **Step 2:** Select `signup` to create a new delivery profile.
  - Enter Delivery Person Details:
    - Name: `Geno Joshua`
    - Address: `Food Delivery Bugujju`
    - Phone Number: `256700234567`
    - Password: `delivery789`

-**Step 3: Log out and return to the main menu.**


# 4. Restaurant Approval

- **Step 1:** Go to the main menu, choose `restaurant `.
-**Step 2:** Log in, choose `d` to display orders.
- **Step 3:** select the order number and approve it.
- **Step 4:** select an available delivery guy.
- **Step 5: Log out and return to the main menu.**


# 5. Delivering the Order

-**Step 1:** Go to the main menu, choose `delivery `.
- **Step 2:** Log in and choose `view` to see assigned orders.
  - Order Details:
    - Order #1
    - Customer: Mawejje Yokana
    - Items: `Spaghetti Carbonara`, `Lasagna`
    - Total: 35000 UGX
    - Delivery Address: `Nsibambi Hall`
    - Status: Pending

- **Step 3:** Choose update, select the order number, then change order status to `Delivered`.
- **Step 4:** Record payment if cash was collected, inputting the amount: 35000 UGX.


# 6. Tracking Order as a Customer

- From the customer menu, choose `track` to view order status.
  - Status: `Delivered`

# 7. Logging Out

- Typing `exit` logs out of the current role and returns to the main menu.

# 8. Final Flow Example

1. Restaurant registers and sets up a menu, then logs out.
2. Customer registers, places an order with mobile payment, and confirms it via OTP.
3. Delivery Person registers, views and delivers the order, and records cash payment.
4. Customer tracks the order status as `Delivered`.

*This scenario provides a cycle that facilitates interactions among restaurants, customers, and delivery personnel.*