User Guide for Food Delivery System

When running the system following the instructions in the readMe.txt file the user will be displayed with the following main menu:

Compiling and Running example:

```
PS C:\Users\jncha> cd C:\Users\jncha\OneDrive\Desktop\Workspace\CS2210\CS2210_FoodDeliverySystem
PS C:\Users\jncha\OneDrive\Desktop\Workspace\CS2210\CS2210_FoodDeliverySystem> javac *.java
PS C:\Users\jncha\OneDrive\Desktop\Workspace\CS2210\CS2210_FoodDeliverySystem> java Main
```

MainMenu:

```
=== Food Delivery System ===
1. Login as Admin
2. Login as Customer
3. Login as Delivery Driver
4. Create a New Customer
5. Exit
Choose an option: |
```

- ❖ *Option 1*: Login existing Admin. (Go to page 2)
- ❖ *Option 2*: Login existing Customer. (Go to page 4)
- ❖ *Option 3*: Login existing Delivery Driver. (Go to page 7)
- ❖ *Option 4*: Create a new Customer for your first time visiting. (Go to page 8)
- ❖ *Option 5*: Exits the program

****Preloaded login information located on page 10****

Admin Menu

After selecting the Admin option in the main menu you will then be prompted to enter your email and password. After entering the correct email and password you will be redirected to the Admin Menu. Selecting *Option 7* will exit the admin menu logging you out.

```
=== Food Delivery System ===
1. Login as Admin
2. Login as Customer
3. Login as Delivery Driver
4. Create a New Customer
5. Exit
Choose an option: 1
Enter admin email: jacob@gmail.com
Enter password: Jacob123

--- Admin Menu ---
1. Add Delivery Driver
2. Edit Delivery Driver
3. Remove Delivery Driver
4. View All Drivers
5. View All Users
6. View All Orders
7. Logout
Choose an option: |
```

❖ *Option 1:* This option adds a new delivery driver to the system.

```
--- Admin Menu ---
1. Add Delivery Driver
2. Edit Delivery Driver
3. Remove Delivery Driver
4. View All Drivers
5. View All Users
6. View All Orders
7. Logout
Choose an option: 1
Enter driver name: Bob
Enter driver email: bob@gmail.com
Enter phone number: 575-123-1234
Enter password: Bob123
Enter vehicle type: Truck
Enter availability: Available
Driver added.
```

❖ *Option 2*: This option edits a delivery driver from the list of drivers. You will be prompted with a list of drivers to select who to edit. Change the desired information. If no change leave a blank.

```
--- Admin Menu ---
1. Add Delivery Driver
2. Edit Delivery Driver
3. Remove Delivery Driver
4. View All Drivers
5. View All Users
6. View All Orders
7. Logout
Choose an option: 2
--- Delivery Drivers ---
1. Greyhound | Email: greyhound@gmail.com | Vehicle: Scooter | Availability: Available
2. Eduardo | Email: Eduardo@gmail.com | Vehicle: Car | Availability: Available
3. Bob | Email: bob@gmail.com | Vehicle: Truck | Availability: Available
Select driver to edit by number: 3
Enter new name (leave blank to keep current):
Enter new vehicle type (leave blank to keep current): Car
Enter new availability (leave blank to keep current):
Driver updated successfully!
```

❖ *Option 3*: This option provides the list of drivers and has the admin select who to
remove.

```
--- Admin Menu ---
1. Add Delivery Driver
2. Edit Delivery Driver
3. Remove Delivery Driver
4. View All Drivers
5. View All Users
6. View All Orders
7. Logout
Choose an option: 3
--- Delivery Drivers ---
1. Greyhound | Email: greyhound@gmail.com | Vehicle: Scooter | Availability: Available
2. Eduardo | Email: Eduardo@gmail.com | Vehicle: Car | Availability: Available
3. Bob | Email: bob@gmail.com | Vehicle: Car | Availability: Available
Select a driver to remove: 3
Driver Bob has been removed successfully.
```

❖

Option 4: This option provides a list of all drivers giving their name, number,
availability, and rating.

```
--- Admin Menu ---
1. Add Delivery Driver
2. Edit Delivery Driver
3. Remove Delivery Driver
4. View All Drivers
5. View All Users
6. View All Orders
7. Logout
Choose an option: 4
Greyhound | 555-0000 | Available | 0.0
Eduardo | 555-2222 | Available | 0.0
```

❖ *Option 5*: This option returns the list of users in the system.

```
--- Admin Menu ---
1. Add Delivery Driver
2. Edit Delivery Driver
3. Remove Delivery Driver
4. View All Drivers
5. View All Users
6. View All Orders
7. Logout
Choose an option: 5
--- All Users ---
Name: Bob | Email: Bob@gmail.com
Name: Sally | Email: Sally@gmail.com
```

❖ *Option 6*: This option returns the list orders in the system

```
--- Admin Menu ---
1. Add Delivery Driver
2. Edit Delivery Driver
3. Remove Delivery Driver
4. View All Drivers
5. View All Users
6. View All Orders
7. Logout
Choose an option: 6
--- All Orders ---
Order ID: 1 | Customer: Bob | Total: $12.00 | Status: Completed
Order ID: 2 | Customer: Sally | Total: $13.99 | Status: Pending
```

Customer Menu

After selecting the Customer option in the main menu you will then be prompted to enter your email and password. After entering the correct email and password you will be redirected to the Customer Menu. Selecting *Option 4* will exit the customer menu logging you out.

```
=== Food Delivery System ===
1. Login as Admin
2. Login as Customer
3. Login as Delivery Driver
4. Create a New Customer
5. Exit
Choose an option: 2
Enter email: Bob@gmail.com
Enter password: Bob123

--- Customer Menu ---
1. Browse Restaurants
2. View Order History
3. Leave a Review
4. Logout
Choose an option: |
```

❖ *Option 1*: This option will populate restaurants you can browse.

```
--- Restaurants ---
1. Aj's Wings
2. Taco Bell
3. Back to Customer Menu
Select a restaurant: |
```

➢ (1 or 2): Selects the associated restaurant
➢ 3: Returns to Customer Menu

● *If restaurant selected(2)*: The user is taken to Restaurant Menu

```
--- Taco Bell Menu ---
1. View Menu Items
2. Create / Manage Cart
3. View Restaurant Reviews
4. Back to Restaurant Browsing.
Choose an option: |
```

☐ *Option 1*: This option shows the restaurants menu items:

```
--- Taco Bell Menu ---
1. View Menu Items
2. Create / Manage Cart
3. View Restaurant Reviews
4. Back to Restaurant Browsing.
Choose an option: 1

--- Menu Items ---
Taco - $2.50
Burrito - $4.25
Combo(Taco, Burrito, Drink) - $9.50
```

☐ *Option 2*: This option takes the user to create and manage a cart

```
--- Cart Menu ---
1. Taco - $2.50
2. Burrito - $4.25
3. Combo(Taco, Burrito, Drink) - $9.50
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: |
```

➔ *Option 1-3*: Adds the item to their cart
➔ *Option 4*: Removes item user selects from cart
➔ *Option 5*: Clears the users cart
➔ *Option 6*: Places order taking user to payment menu
◆ For payment menu guide go to page: 9
➔ *Option 7*: Returns back to restaurant menu

☐ *Option 3*: Prints the restaurants Reviews

```
--- Taco Bell Menu ---
1. View Menu Items
2. Create / Manage Cart
3. View Restaurant Reviews
4. Back to Restaurant Browsing.
Choose an option: 3

--- Reviews for Taco Bell ---
Average Rating: 5.0
-----------------------------
Rating: 5/5 | Comment: Tacos were very good!
```

☐ *Option 4*: Returns to restaurant browsing

❖ *Option 2*: This option gives user order history

```
--- Customer Menu ---
1. Browse Restaurants
2. View Order History
3. Leave a Review
4. Logout
Choose an option: 2

--- Your Order History ---
Order ID: 1
Restaurant: Taco Bell
Items:
 - Taco ($2.50)
 - Combo(Taco, Burrito, Drink) ($9.50)
Total: $12.00
Status: Completed
Delivery Driver: Greyhound
--------------------------
```

❖ *Option 3*: This option has the customer leave a review. They select from a list of previous orders

```
--- Customer Menu ---
1. Browse Restaurants
2. View Order History
3. Leave a Review
4. Logout
Choose an option: 3

--- Your Completed Orders ---
1. Order ID: 1 | Restaurant: Taco Bell | Total: $12.00
Select an order to leave a review for:
```

● After selecting an order they can choose to leave a review for the restaurant, delivery driver, or both.

```
--- Your Completed Orders ---
1. Order ID: 1 | Restaurant: Taco Bell | Total: $12.00
Select an order to leave a review for: 1
1. Leave review for restaurant
2. Leave review for delivery driver
3. Leave review for both
Choose an option: 1
Enter your rating (1-5): 4
Enter your comment: Good food.
Thank you! Your review for the restaurant has been submitted.
```

❖ *Option 4*: Logs the customer out and returns to main menu

Delivery Driver Menu

After selecting the Delivery Driver option in the main menu you will then be prompted to enter your email and password. After entering the correct email and password you will be redirected to the Delivery driver Menu. Selecting *Option 4* will exit the driver menu logging you out.

```
=== Food Delivery System ===
1. Login as Admin
2. Login as Customer
3. Login as Delivery Driver
4. Create a New Customer
5. Exit
Choose an option: 3
Enter driver email: Eduardo@gmail.com
Enter password: Eduardo123

--- Delivery Driver Menu ---
1. View Assigned Orders
2. Mark Order as Completed
3. View My Reviews
4. Logout
Choose an option:
```

❖ *Option 1*: This option shows the drivers assigned orders

```
--- Delivery Driver Menu ---
1. View Assigned Orders
2. Mark Order as Completed
3. View My Reviews
4. Logout
Choose an option: 1

--- Assigned Orders ---
Order ID: 2 | Restaurant: Aj's Wings | Total: $13.99 | Status: Pending
```

❖ *Option 2*: This option completes assigned orders. If orders are queued waiting you will be assigned a new order.

```
--- Delivery Driver Menu ---
1. View Assigned Orders
2. Mark Order as Completed
3. View My Reviews
4. Logout
Choose an option: 2

--- Complete Order ---
1. Order ID: 2 | Restaurant: Aj's Wings | Status: Pending
Select an order to mark as completed: 1
Order ID 2 has been marked as completed.
A queued order (ID 4) has been assigned to you.
```

❖ *Option 3*: View your reviews

```
--- Delivery Driver Menu ---
1. View Assigned Orders
2. Mark Order as Completed
3. View My Reviews
4. Logout
Choose an option: 3

--- My Reviews ---
Average Rating: 5.0
Review ID: 4 | Rating: 5 | Comment: Very fast delivery! | Reviewer: Sally
```

Creating New Customer

After selecting option 4 in the main menu you will be redirected to this menu to create a new customer.

```
=== Food Delivery System ===
1. Login as Admin
2. Login as Customer
3. Login as Delivery Driver
4. Create a New Customer
5. Exit
Choose an option: 4
Enter customer name: Spiderman
Enter email: Spiderman@gmail.com
Enter phone number: 575-098-1234
Enter password: Spiderman123
Enter address: Queens NY
Customer accound created.

=== Food Delivery System ===
1. Login as Admin
2. Login as Customer
3. Login as Delivery Driver
4. Create a New Customer
5. Exit
Choose an option:
```

Payment Menu Guide

After choosing to place an order in the cart menu manager you will be redirected to the payment processing menu. Here you are asked for a payment method then enter the amount to pay. If funds are insufficient you will be asked if you'd like to pay the remaining. If yes you will be prompted with the remaining amount to pay. If no then the order will be canceled. After payment is complete you will be told the driver assigned to your order. If all drivers are busy you will be added to a queue.

```
--- Cart Menu ---
1. Taco - $2.50
2. Burrito - $4.25
3. Combo(Taco, Burrito, Drink) - $9.50
4. Remove Item from Cart
5. Clear Cart
6. Place Order
7. Back
Choose an option: 6
Enter payment method (Cash/Card): Cash
Cart total: $16.25
Enter amount to pay: 15
Partial payment received: $15.00
Remaining amount to pay: $1.25
Do you want to pay the remaining amount? (yes/no): yes
Cart total: $1.25
Enter amount to pay: 1.25
Payment complete. Total amount paid: $16.25
Order placed successfully!
All drivers are busy. You order is waiting in the queue.
Total paid: $16.25
```

Preloaded Login Information

- ❖ Admins
  - ➢ Jacob
    - ■ Email: Jacob@gmail.com
    - ■ Password: Jacob123
  - ➢ Miranda
    - ■ Email: Miranda@gmail.com
    - ■ Password: Miranda123
  - ➢ Iris
    - ■ Email: Iris@gmail.com
    - ■ Password: Iris123
- ❖ Delivery Drivers
  - ➢ Greyhound
    - ■ Email: Greyhound@gmail.com
    - ■ Password: Greyhounds123
  - ➢ Eduardo
    - ■ Email: Eduardo@gmail.com
    - ■ Password; Eduardo123
- ❖ Customers
  - ➢ Bob
    - ■ Email: Bob@gmail.com
    - ■ Password: Bob123
  - ➢ Sally
    - ■ Email: Sally@gmail.com
    - ■ Password: Sally123