



**National University of Computer and Emerging Sciences**

## Software Design and Architecture

---

### **ReadMe File - Online Food Delivery System**

<b>STUDENTS NAME:</b>	<b>Zain Javed, Muhammad Waqas Akhtar, Kazim Asif</b>
<b>REGISTRATION NUMBERS:</b>	<b>20I-0522, 20I-0525, 20I-2310</b>
<b>DEGREE PROGRAM:</b>	<b>BSSE</b>
<b>Section:</b>	<b>Q</b>
<b>SUBJECT NAME:</b>	<b>Software Design and Architecture</b>
<b>DATE OF SUBMISSION:</b>	<b>June 11, 2022.</b>
<b>SUBMITTED TO:</b>	<b>Dr. Uzair Khan</b>

# 1. Introduction to “Food on Wheels” Desktop app

This is a desktop based online food delivery system like Food panada app. There are 4 types of users of this system which includes Admin, Customer, Rider and Restaurant Manager. Admin manages restaurants, riders and customers while Restaurant manager manage food menu of their restaurant.

## 2. How to use?

When you will open our Online food delivery System, you will see the name of our application “Food on Wheels” and 4 different sections on the bottom of the screen based on the users of our System.

### 2.1 Admin Section

- 2.1.1 If you click on Admin, the admin login page will appear and you can login successfully by giving username “admin” and Password “12345”.
- 2.1.2 After that you can **add restaurant** by clicking on add restaurant button and this action will bring a page on which you will give details of restaurant and credentials of restaurant manager (username and password) and then click on “Add restaurant” button. Moreover, the username of manager and name of the restaurant should be unique and the password should be more than or equal to 5 characters (This constraint is applicable on every password field in the system).
- 2.1.3 After adding restaurant click on **back** button, Now By clicking on **delete restaurant** button, a new screen will appear. If you click on **show** button, you will get all the added restaurants in the choice box and you can simply select one and then click on **delete** button.
- 2.1.4 After that you can also add rider and delete rider in almost the similar way, but the **email** of the rider will be the password of the rider on its **login page**.
- 2.1.5 You can also **block customers** by seeing the all the customers in your system and select them from choice box and block them, after that they will no more be your app users.
- 2.1.6 You can also see block requests by riders in **block reported customer’s** section. If you click on this button, a new screen will appear and you can select the customer and then click on **see reason**, in this way you can see the reason which motivates the rider to report this customer.

### 2.2 Restaurant Manager Section

- 2.2.1 You can login to specific restaurant by giving the username and password of the restaurant manager which admin enters at the time of **addition of restaurant** in the system.
- 2.2.2 You can also **add food** by giving the details of food including name, price and quantity of food.
- 2.2.3 You can **delete food** by choosing food from the choice box.

- 2.2.4 You can **update food** by choosing the food you want to update from the choice box and then enter the updated details and click on update button.

## 2.3 Customer Section

- 2.3.1 You can **sign up** on the system as a customer by giving the required details on the sign-up page.
- 2.3.2 After registration, you have to sign in to the system.
- 2.3.3 You can click “**Order Something to eat**” button and new screen will appear on which you can select the restaurant and then click on “**Select**” button. After that a new screen will appear with the list of foods and you can select check boxes of foods and then click on **confirm foods**. After confirming foods, you can enter the quantity of each food and then click on **proceed** button. On the next page, you can enter the description of your order and location of your order (Description is not necessary) and click on **proceed**. On the next screen you will see a generated transcript/bill of your order and then you can confirm this order and select the payment method and click on **confirm method**. If you choose “pay by card” method you will have to give your card number and click on **confirm** order and your order will be placed.
- 2.3.4 You can click on “**Give feedback to rider**” button to give feedback. You can choose the rider from the lists of the riders that delivers food to you and give detailed feedback in the text field and then click on **save** button.
- 2.3.5 You can click on “**Change Account info**” to manage or update your profile information and then click on **update** button to save your updated information.

## 2.4 Rider Section

- 2.4.1 You can **login** to the specific rider’s account by entering the username and email in place of password which the admin enters when he added that rider.
- 2.4.2 You can click on “Pick Order” to pick order from restaurant. On clicking **pick order**, a new screen will appear and you will have to click on **Display Orders** button to see the placed orders. After that you will give the **id** of that order you want to pick and deliver to the customer and click on **pick order**.
- 2.4.3 You can also **deliver order** by selecting **picked orders** by entering id.
- 2.4.4 You can also **Report Customer** by selecting from the customers you interact with. After selecting, you will have to enter the **reason** of reporting that specific customer. At last, you can report that customer to admin by clicking on **report** button.
- 2.4.5 You can also see **feedbacks** for you by the customers by clicking on feedbacks button.

### 3. Important Things

- We connect Our Xampp data base correctly and connect our project with database. We maintain the record of latest 11 objects in the array lists and other data will be stored in database. You have to add more than 10 objects to save the data in database.
- We updated every artifact accordingly.
- To use database, you have to create database manually in Xampp and then give the name of database DB Handler class and also run the table creation queries attached with the project on the Xampp to create tables.
- The balance in the card of every customer is 20,000;