

# Contents

|                                    |            |
|------------------------------------|------------|
| <b>List of Figures</b>             | <b>iii</b> |
| <b>1 Introduction</b>              | <b>1</b>   |
| <b>2 System Requirements</b>       | <b>2</b>   |
| 2.1 Dashboard . . . . .            | 2          |
| 2.2 For Customers . . . . .        | 2          |
| 2.2.1 Registration . . . . .       | 2          |
| 2.2.2 Log in . . . . .             | 3          |
| 2.2.3 Food Ordering . . . . .      | 3          |
| 2.2.4 Order Confirmation . . . . . | 3          |
| 2.2.5 Feedback . . . . .           | 3          |
| 2.3 For Admin . . . . .            | 3          |
| 2.3.1 Registration . . . . .       | 3          |
| 2.3.2 Login . . . . .              | 3          |
| 2.3.3 Curd Operations . . . . .    | 3          |
| <b>3 Design Phase</b>              | <b>4</b>   |
| 3.1 Explanation . . . . .          | 4          |
| 3.2 Tool . . . . .                 | 4          |
| 3.3 Diagram . . . . .              | 4          |
| <b>4 Database Design</b>           | <b>5</b>   |
| 4.1 Tool . . . . .                 | 5          |
| 4.2 Database Diagram . . . . .     | 6          |
| 4.3 Database definitions . . . . . | 6          |

|  |           |
|--|-----------|
| <b>5 Tools</b>                                 | <b>8</b>  |
| 5.1 SQL-Server . . . . .                       | 8         |
| 5.2 VS Community . . . . .                     | 8         |
| 5.3 Dia . . . . .                              | 8         |
| 5.4 Coding language . . . . .                  | 8         |
| <b>6 Implementation</b>                        | <b>9</b>  |
| 6.1 Forms . . . . .                            | 9         |
| 6.1.1 Dashboard . . . . .                      | 9         |
| 6.1.2 Admin-Registration form . . . . .        | 10        |
| 6.1.3 <i>ViewScheduleForm</i> . . . . .        | 10        |
| 6.1.4 Food Item Form . . . . .                 | 11        |
| 6.1.5 User Registration Form . . . . .         | 11        |
| 6.1.6 Login Form . . . . .                     | 12        |
| 6.1.7 Food Order Form . . . . .                | 12        |
| 6.1.8 Order Confirmation Form . . . . .        | 13        |
| 6.1.9 Delivery Form . . . . .                  | 13        |
| 6.1.10 Feedback form . . . . .                 | 14        |
| 6.1.11 Delivery Personnel Form . . . . .       | 15        |
| 6.1.12 Driver Delivery Schedule Form . . . . . | 16        |
| 6.1.13 Restaurant Form . . . . .               | 16        |
| <b>7 Conclusion</b>                            | <b>18</b> |

# List of Figures

|      |                                   |    |
|------|-----------------------------------|----|
| 3.1  | ERD . . . . .                     | 4  |
| 4.1  | Database tables . . . . .         | 6  |
| 4.2  | Database tables . . . . .         | 7  |
| 4.3  | Database tables . . . . .         | 7  |
| 4.4  | Database tables . . . . .         | 7  |
| 6.1  | Dashboard . . . . .               | 9  |
| 6.2  | Admin-registration . . . . .      | 10 |
| 6.3  | View schedule . . . . .           | 10 |
| 6.4  | Food <sub>item</sub> . . . . .    | 11 |
| 6.5  | user-registation . . . . .        | 11 |
| 6.6  | login . . . . .                   | 12 |
| 6.7  | food-order . . . . .              | 13 |
| 6.8  | order-confirmation . . . . .      | 13 |
| 6.9  | delivery . . . . .                | 14 |
| 6.10 | feedback . . . . .                | 15 |
| 6.11 | Delivery-personnel . . . . .      | 15 |
| 6.12 | Driver-deliveryschedule . . . . . | 16 |
| 6.13 | Restaurant . . . . .              | 17 |

# **Chapter 1**

## **Introduction**

This project is based on Food Delivery System .Food Delivery System is designed to simplify the process of ordering food from restaurants and having it delivered to customers' doors. It focuses on the frontend aspects of the Food Delivery Management System. The frontend is the part of the system that users interact with directly including the forms user uses to register, log in, place orders, and provide feedback. This SRS covers the designing and implementation of this project.

# **Chapter 2**

## **System Requirements**

The main functional requirements are as listed:

### **2.1 Dashboard**

A dashboard interface should be provided for better functionality having

1. HOME BUTTON
2. ORDER BUTTON
3. FEEDBACK BUTTON
4. DELIVERY BUTTON
5. ADMIN PANEL BUTTON
6. MENUCARD BUTTON
7. LOGOUT BUTTON

### **2.2 For Customers**

#### **2.2.1 Registration**

The user should be able to register into the system.

### **2.2.2 Log in**

Then, the user should be able to log in using the registration credentials.

### **2.2.3 Food Ordering**

The user should be able to view a list of restaurants and select food of their choice. Users should be able to place orders. During checkout, users should specify their delivery address and choose a payment method.

### **2.2.4 Order Confirmation**

After this all, users should also be able to confirm their orders.

### **2.2.5 Feedback**

Users should be able to provide feedback on their orders and service. Feedback should include ratings based on service quality, food quality, and overall satisfaction.

## **2.3 For Admin**

### **2.3.1 Registration**

The admin will be able to register himself as admin if a new member comes in the team.

### **2.3.2 Login**

After registering himself/herself, they can login into the system using those credentials.

### **2.3.3 Curd Operations**

The curd operation of [update , delete, view] will be performed by admin as he has to manage restaurants, food items and delivery schedule. He can update , delete and view these all.

# Chapter 3

## Design Phase

### 3.1 Explanation

The conceptual schema (design) is made by using ERD (Entity Relation Diagram) technique.

### 3.2 Tool

Dia version 0.97.2

### 3.3 Diagram

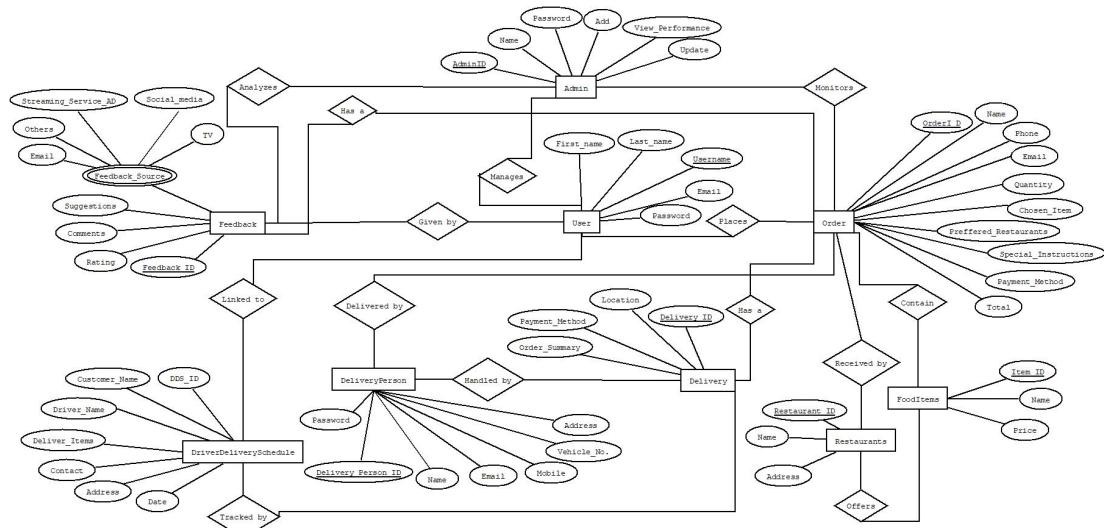


Figure 3.1: ERD

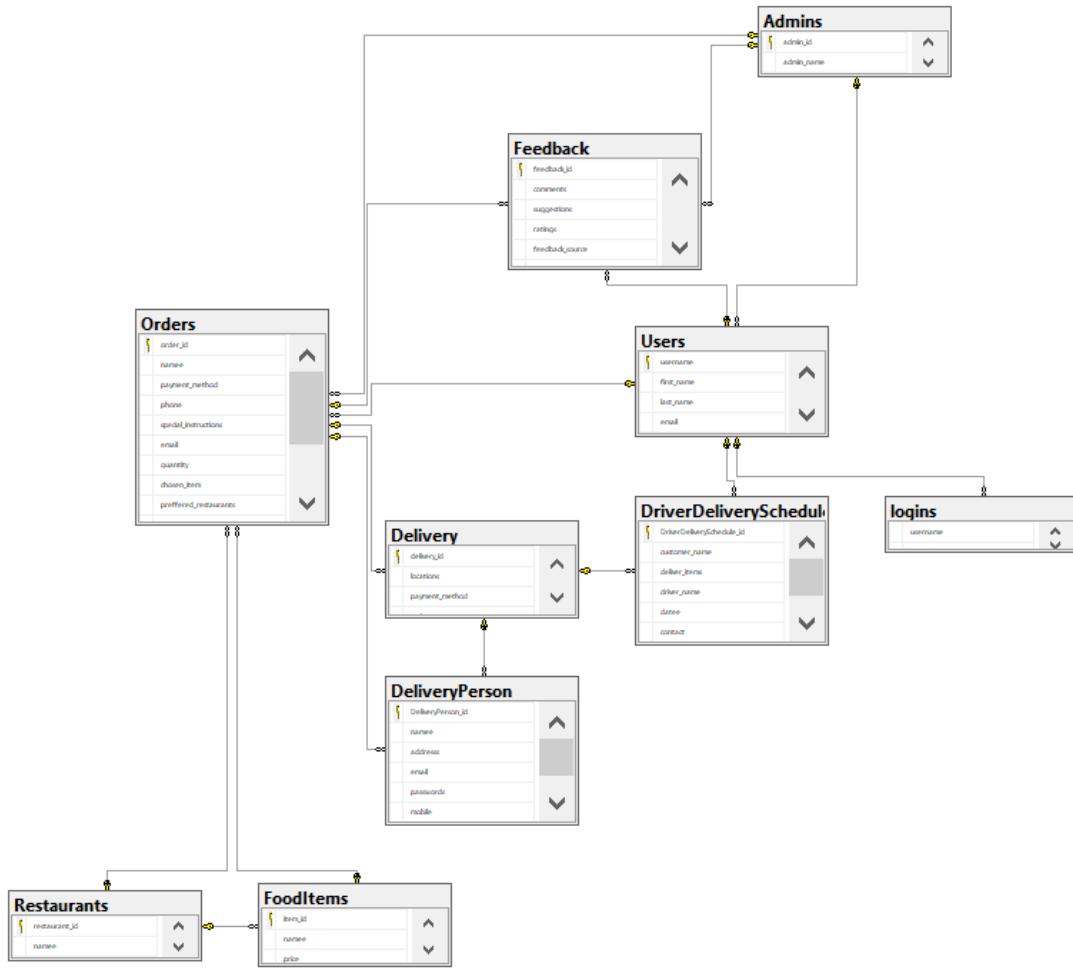
# **Chapter 4**

## **Database Design**

### **4.1 Tool**

SQL Server Management studio 20

## 4.2 Database Diagram



## 4.3 Database definitions

The tables created are :

|   | order_id | nameee       | payment_method   | phone   | special_instructions       | email   | quantity | chosen_item    | preferred_restaurants | total | admin_id | username | item_id |
|---|----------|--------------|------------------|---------|----------------------------|---------|----------|----------------|-----------------------|-------|----------|----------|---------|
| 1 | 44       | HADIA NASEER | CASH ON DELIVERY | 2345678 | no ketchup and extra sauce | HADIA@1 | 1        | Fish and Chips | Sip and chat          | 1200  | 90087    | 3        | 8567    |
| 2 | 5555     | HADIA        | cash on delivery | 456788  | no ketchup                 | hadia@1 | 1        | Fried Chicken  | Bethak                | 900   | 90087    | 3        | 99989   |
| 3 | 6789     | HADIA        | CASH ON DELIVERY | 4456789 | no ketchup                 | HADIA@1 | 1        | Chicken Karahi | Sip and chat          | 900   | 90087    | 3        | 90000   |
| 4 | 8888     | HADIA        | CASH ON DELIVERY | 3333333 | no ketchup                 | HADIA@1 | 1        | Zinger strips  | Sip and chat          | 8000  | 90087    | 3        | 12345   |

|   | restaurant_id | nameee        | addressss |
|---|---------------|---------------|-----------|
| 1 | 11            | Sip and chat  | kotli     |
| 2 | 2345          | Himalaya      | kotli     |
| 3 | 3456          | Spice and box | kotli     |
| 4 | 6678          | Waffles       | kotli     |
| 5 | 6787          | Bar and bite  | kotli     |
| 6 | 7890          | Roti          | kotli     |

Figure 4.1: Database tables

|   | item_id     | namee          | price          | restaurant_id |
|---|-------------|----------------|----------------|---------------|
| 1 | 1           | Pizza          | 12000          | 7890          |
| 2 | 2           | Fried Chicken  | 9000           | 7890          |
| 3 | 3           | Zinger strips  | 8000           | 7890          |
| 4 | 4           | Zinger Burg... | 4500           | 7890          |
| 5 | 5           | Apple Pie      | 300            | 7890          |
|   | admin_id    | admin_name     | passwords      |               |
| 1 | 90087       | Madiha         | 567            |               |
| 2 | 99987       | HADIA          | 0              |               |
| 3 | 454900      | SAHER          | 56789          |               |
|   | delivery_id | locations      | payment_method | order_summary |
|   |             |                |                | order_id      |

Figure 4.2: Database tables

|   | DriverDeliverySchedule_id | customer_name | deliver_items | driver_name | datee           | contact  | addresss | username | delivery_id |
|---|---------------------------|---------------|---------------|-------------|-----------------|----------|----------|----------|-------------|
| 1 | 1                         | hadia         | onion rings   | madiha      | 2024-12-12      | 152636   | kotli    | 3        | 1212        |
| 2 | 12                        | hadia         | onion rings   | madiha      | 2024-12-12      | 152636   | kotli    | 3        | 1212        |
| 3 | 9090                      | hadia         | cake          | madiha      | 2024-12-12      | 1227...  | kotli    | 4        | 1212        |
|   | feedback_id               | comments      | suggestions   | ratings     | feedback_source | admin_id | username | order_id |             |
| 1 | 456789                    | I LIKE IT     | NO SUGGESTION | 0           | STREAMING ADD   | 90087    | 3        | 44       |             |
|   | username                  | passwords     |               |             |                 |          |          |          |             |
| 1 | 3                         | 999           |               |             |                 |          |          |          |             |
| 2 | 3                         | 999           |               |             |                 |          |          |          |             |
| 3 | 3                         | 999           |               |             |                 |          |          |          |             |
| 4 | 3                         | 999           |               |             |                 |          |          |          |             |
| 5 | 3                         | 999           |               |             |                 |          |          |          |             |
| 6 | 3                         | 999           |               |             |                 |          |          |          |             |

Figure 4.3: Database tables

|   | username | first_name | last_name | email  | passwords | admin_id |
|---|----------|------------|-----------|--------|-----------|----------|
| 1 | 1        | Hadia      | Naseer    | Hadia@ | 123456    | NULL     |
| 2 | 2        | hadia      | naseer    | hadia@ | 99        | NULL     |
| 3 | 3        | hadia      | naseer    | hadia@ | 999       | 90087    |
| 4 | 4        | anam       | naseer    | anam@  | 4444      | 90087    |
| 5 | 11234    | Hadia      | Naseer    | Hadia@ | 123456    | NULL     |

Figure 4.4: Database tables

# **Chapter 5**

## **Tools**

Following tools have been used for this project

### **5.1 SQL-Server**

SQL Server Management studio 20

### **5.2 VS Community**

Visual Studio Community version 17.10.1

### **5.3 Dia**

Dia version 0.97.2

### **5.4 Coding language**

C Sharp has been used as the prime language for the backend of forms i.e this system.

# Chapter 6

## Implementation

### 6.1 Forms

Following are the lsit of the forms and their screenshots

#### 6.1.1 Dashboard

This is the main dashboard. It contains side menu with all the controls, a header with form title

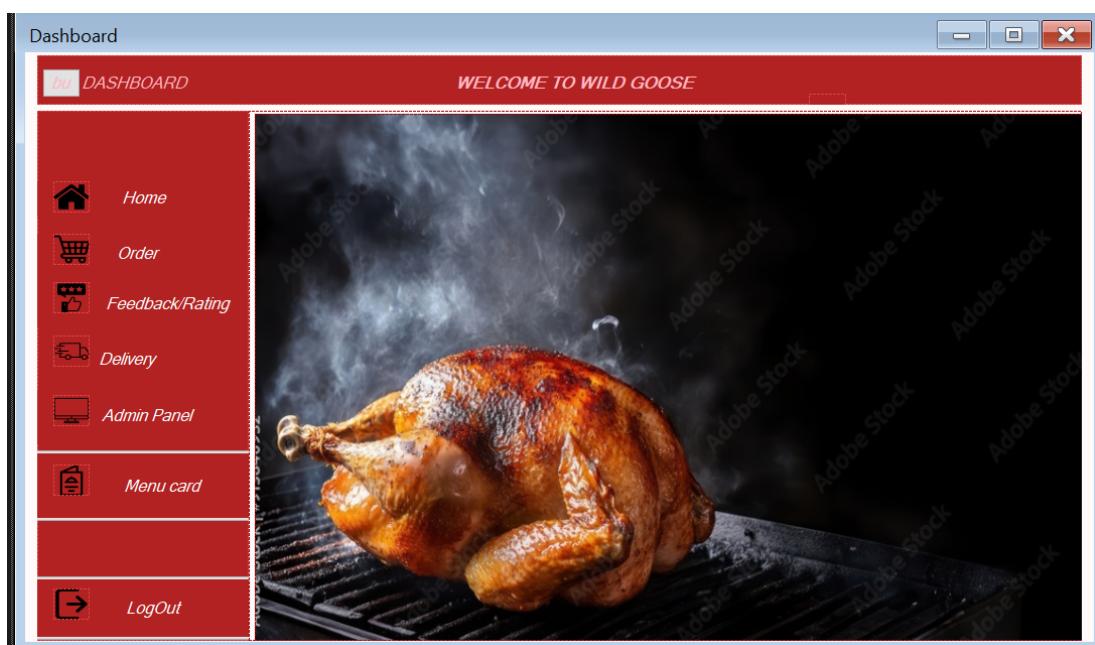


Figure 6.1: Dashboard

### 6.1.2 Admin-Registration form

This is the admin registration form. It will register the admin.

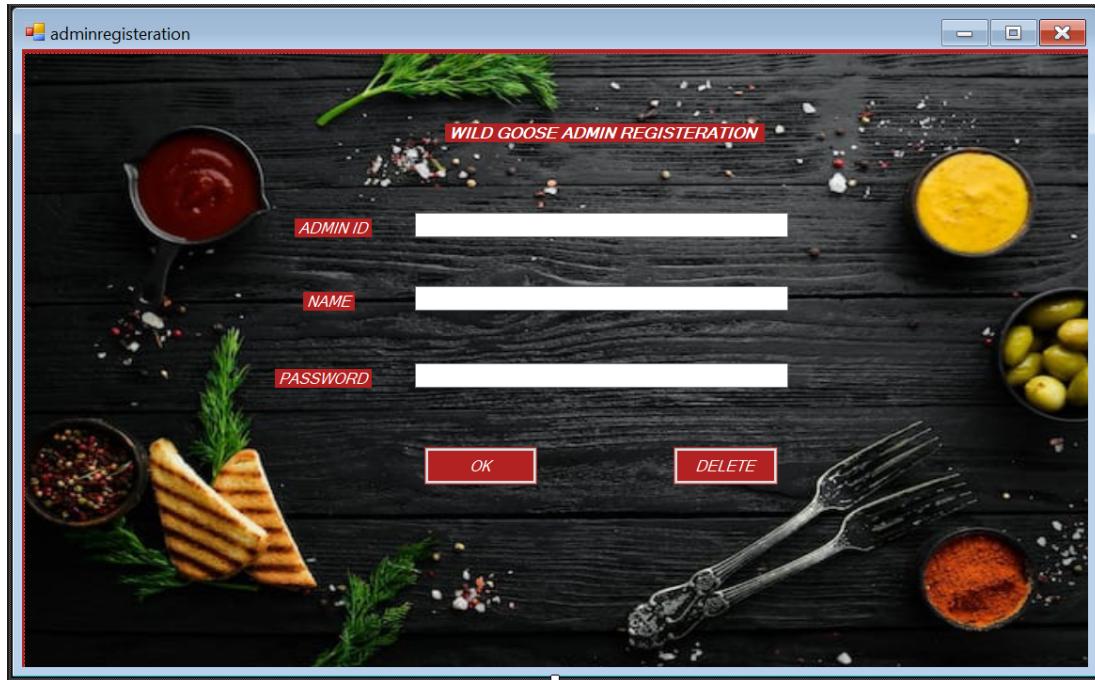


Figure 6.2: Admin-registration

### 6.1.3 ViewScheduleForm

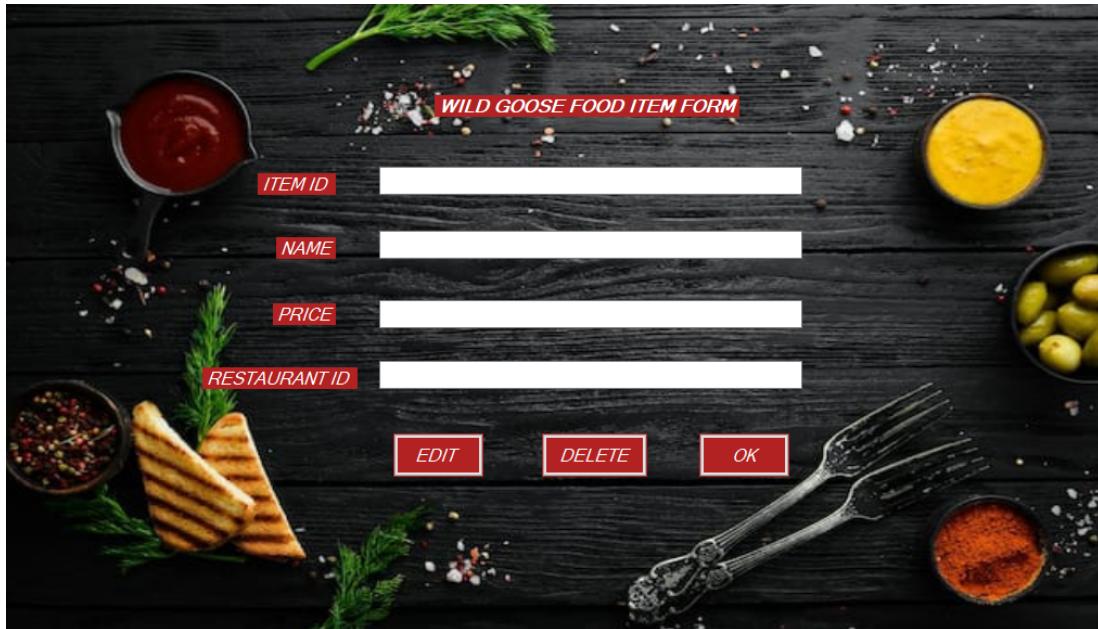
This is the schedule form which is managed by admin.

| DriverDeliverySche | customer_name | deliver_items | driver_name | datee      | contact | address |
|--------------------|---------------|---------------|-------------|------------|---------|---------|
| 1                  | hadia         | onion rings   | madiha      | 12/12/2024 | 152636  | kotli   |
| 12                 | hadia         | onion rings   | madiha      | 12/12/2024 | 152636  | kotli   |
| 9090               | hadia         | cake          | madiha      | 12/12/2024 | 1227635 | kotli   |
| *                  |               |               |             |            |         |         |

Figure 6.3: View schedule

#### 6.1.4 Food Item Form

This is food item form managed by admin. He can add item to system, edit it and can delete a specific item by giving the details of it.

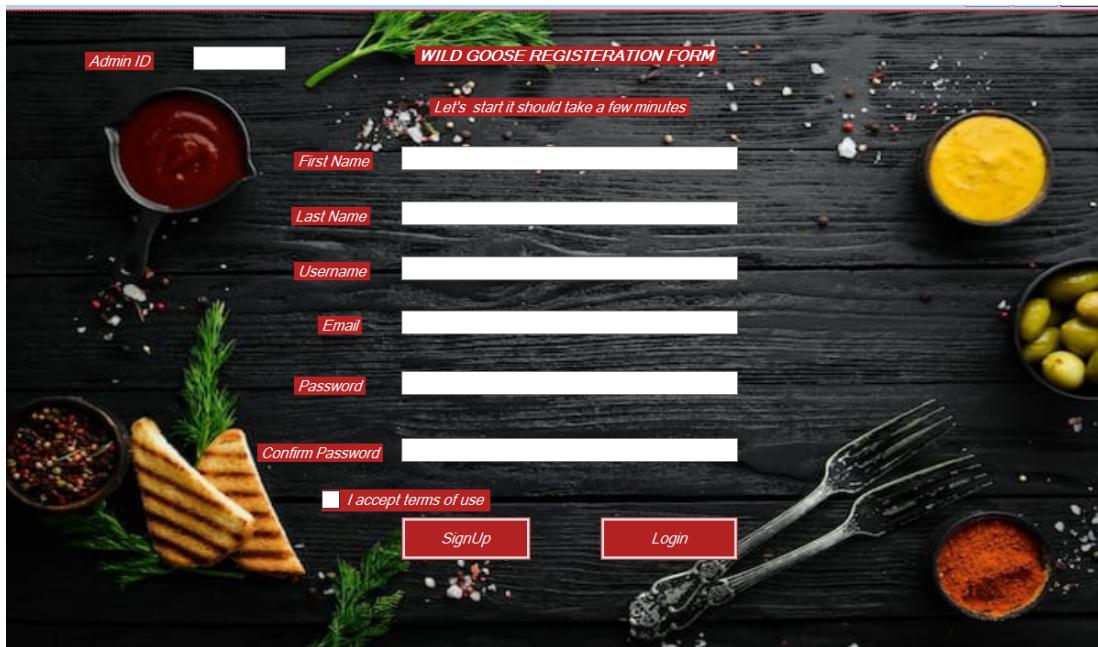


The form is titled "WILD GOOSE FOOD ITEM FORM". It contains four input fields: "ITEM ID", "NAME", "PRICE", and "RESTAURANT ID", each with a corresponding text input box. Below the input fields are three red buttons: "EDIT", "DELETE", and "OK". The background of the form is a dark wooden surface with various food items like a sandwich, olives, and spices scattered around.

Figure 6.4: Food item

#### 6.1.5 User Registration Form

This form is for user registration.



The form is titled "WILD GOOSE REGISTRATION FORM". It includes several input fields: "Admin ID" (disabled), "First Name", "Last Name", "Username", "Email", "Password", and "Confirm Password". A note "Let's start it should take a few minutes" is displayed above the "Email" field. At the bottom, there is a checkbox labeled "I accept terms of use" and two red buttons: "SignUp" and "Login". The background features a dark wooden surface with food-related imagery.

Figure 6.5: user-registration

## 6.1.6 Login Form

This is the login form through which users of system can login into the system.

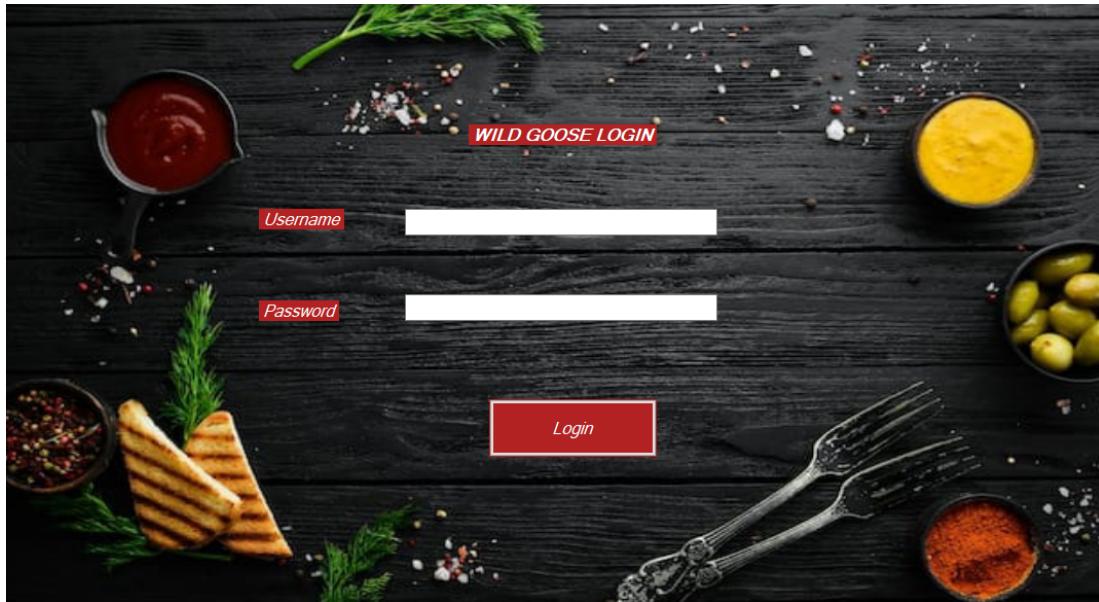


Figure 6.6: login

## 6.1.7 Food Order Form

This is the food order form.Through this form ,the user will order their favourite food.The preffered restaurants will have a dropdown to show the restaurnts.The choose an item also has a dropdown to select the items he/she wants to order.

**WILD GOOSE FOOD ORDER FORM**

|                       |                                  |
|-----------------------|----------------------------------|
| Admin ID              | Item ID                          |
| <input type="text"/>  | <input type="text"/>             |
| Restaurant ID         | Order ID                         |
| <input type="text"/>  | <input type="text"/>             |
| Preferred Restaurants | <input type="button" value="▼"/> |
| Choose an item        | <input type="button" value="▼"/> |
| Quantity              | <input type="text"/>             |
| Special Instructions  | <input type="text"/>             |

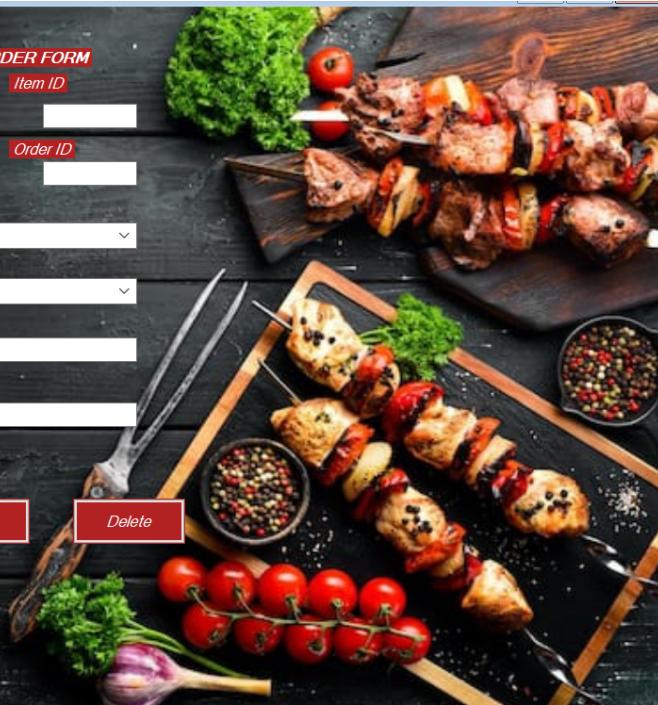


Figure 6.7: food-order

### 6.1.8 Order Confirmation Form

This form confirms the order asking the user for the details.

**WILD GOOSE ORDER CONFIRMATION FORM**

|                      |                      |
|----------------------|----------------------|
| Order Id             | User name            |
| <input type="text"/> | <input type="text"/> |
| Name(BLOCK LETTER)   | Email                |
| <input type="text"/> | <input type="text"/> |
| Payment Method       | <input type="text"/> |
| <input type="text"/> | <input type="text"/> |
| Phone Number         | <input type="text"/> |
| <input type="text"/> | <input type="text"/> |
| Address              | <input type="text"/> |
| Total                | <input type="text"/> |

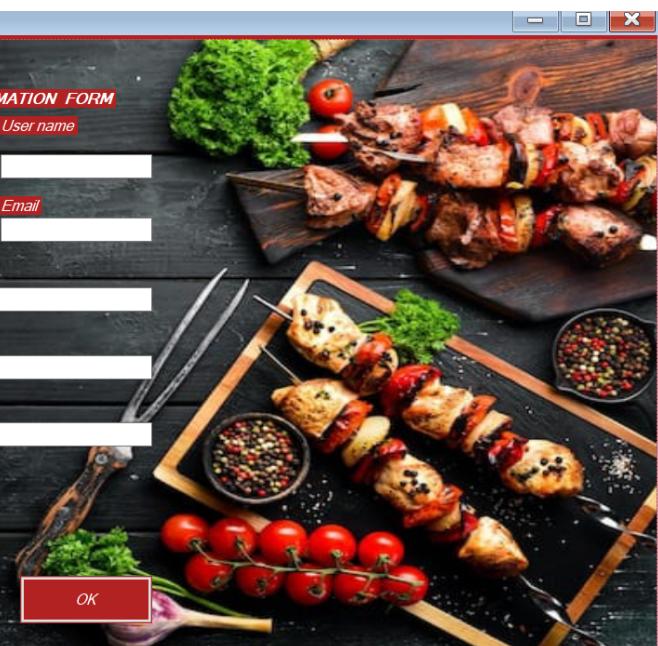


Figure 6.8: order-confirmation

### 6.1.9 Delivery Form

This forms asks the user or the delivery details to deliver the food.

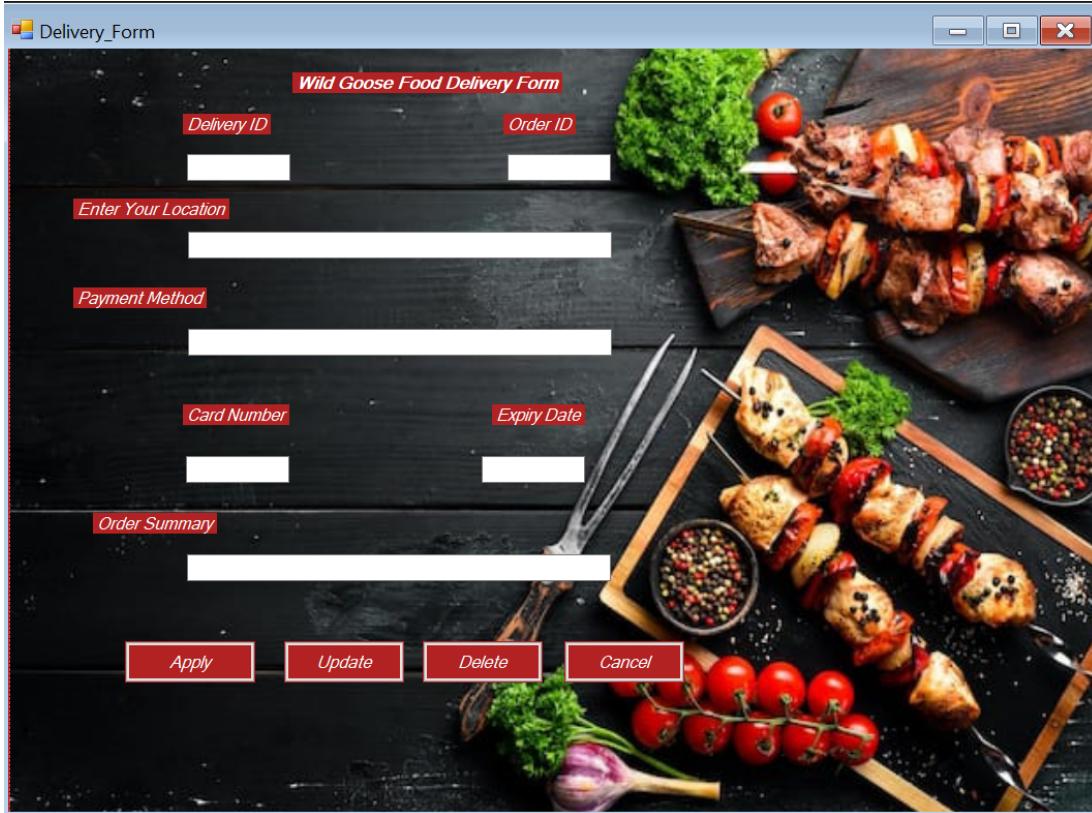


Figure 6.9: delivery

### 6.1.10 Feedback form

The feedback form asks the user for rating, comments and any suggestions. Its user own choice whether or not he wants to give feedback or not.

**WILD GOOSE FEEDBACK FORM**

Admin ID:  FeedBack ID:   
Order ID:  Username:   
RATING:   
Comments:   
Suggestion:   
Where did you hear about us?

Figure 6.10: feedback

### 6.1.11 Delivery Personnel Form

This form takes the details of the delivery boy.

delivery\_personnel

**WILD GOOSE DELIVERY BOY DETAILS**

Delivery Boy ID:  Delivery ID:   
Order ID:   
Name (BLOCK LETTERS):   
Location:   
Email:   
Password:   
Mobile:   
Vehicle Number:

Figure 6.11: Delivery-personnel

### 6.1.12 Driver Delivery Schedule Form

This form is basically where the admin will add the delivery details and view schedule form will show the entered details in tables.

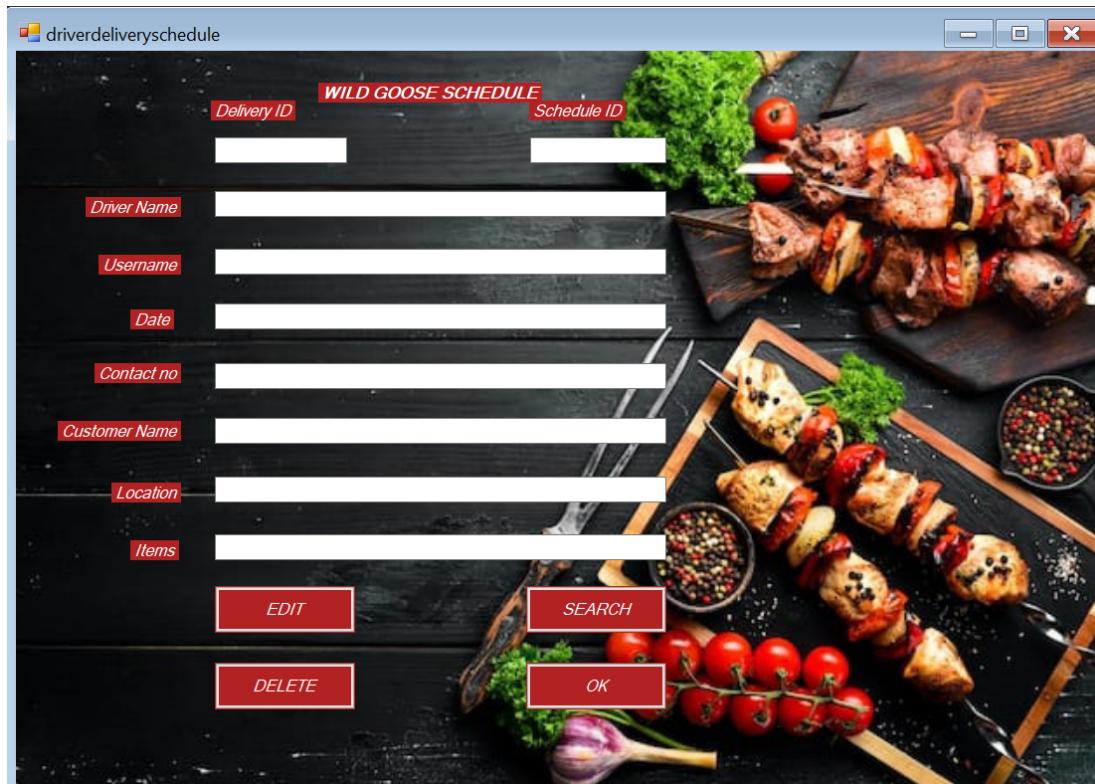


Figure 6.12: Driver-deliveryschedule

### 6.1.13 Restaurant Form

This form is where admin will add the restaurant into the system.



Figure 6.13: Restaurant

# **Chapter 7**

## **Conclusion**

This document covers the prime aspects of the project. We tried our best to fullfil the requirements and make an easy to use multi-tasking system.