

FOOD DELIVERY MANAGEMENT SYSTEM

An SRS Document

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by

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SYSTEM REQUIREMENT SPECIFICATIONS

For

FOOD DELIVERY MANAGEMENT SYSTEM

By

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Subject:Database Systems

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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

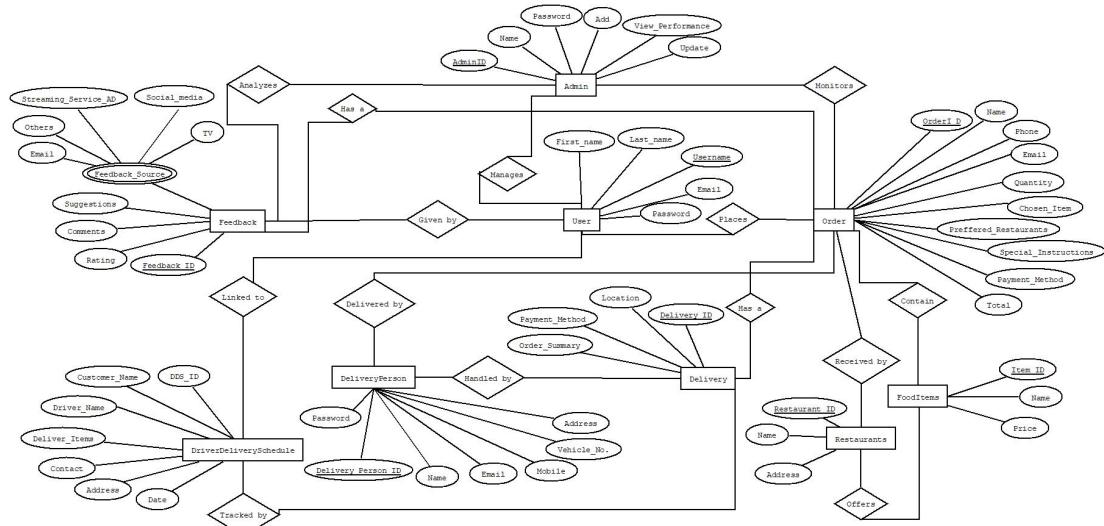


Figure 3.1: ERD

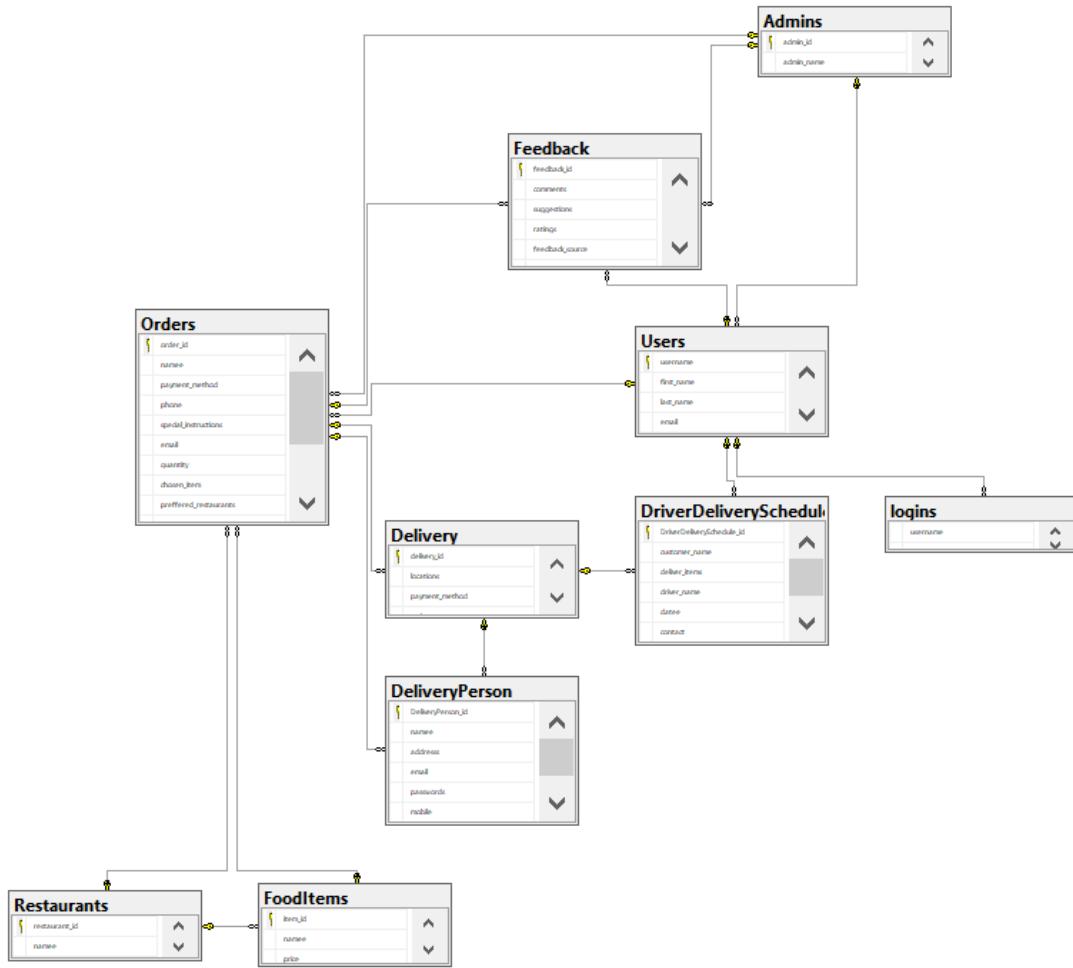
Chapter 4

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

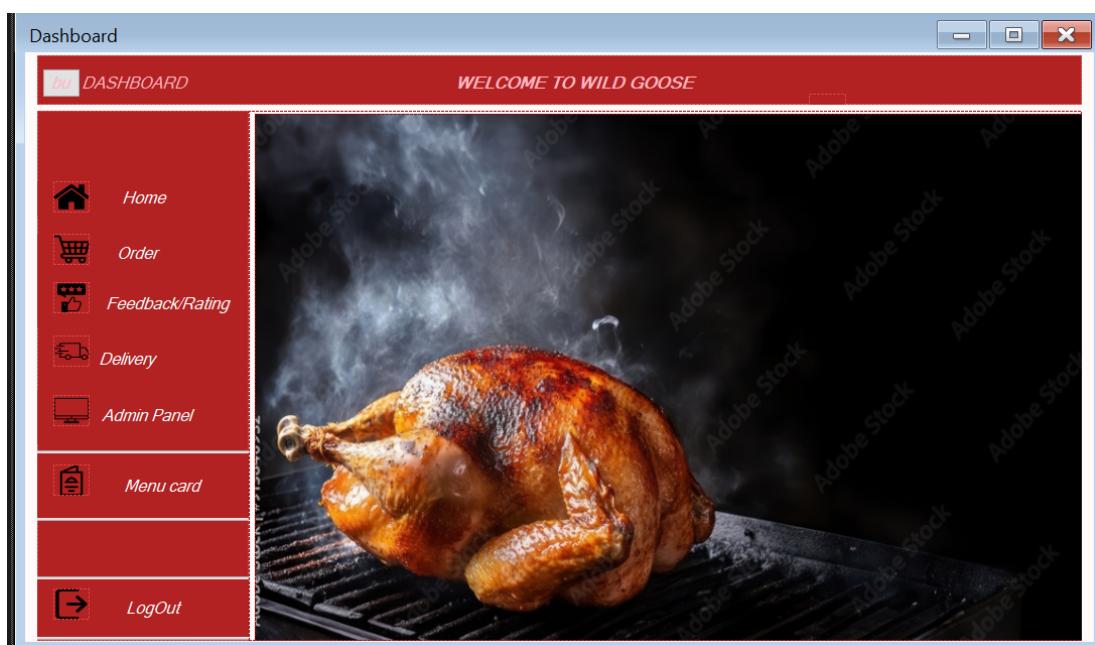


Figure 6.1: Dashboard

6.1.2 Admin-Registration form

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

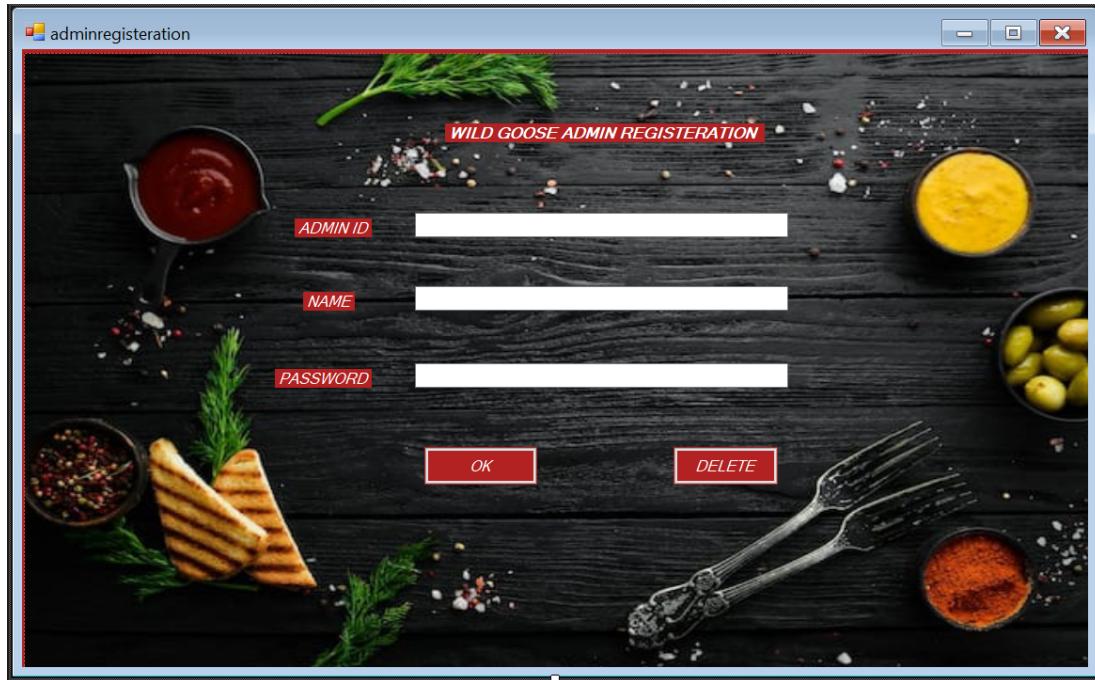


Figure 6.2: Admin-registration

6.1.3 ViewScheduleForm

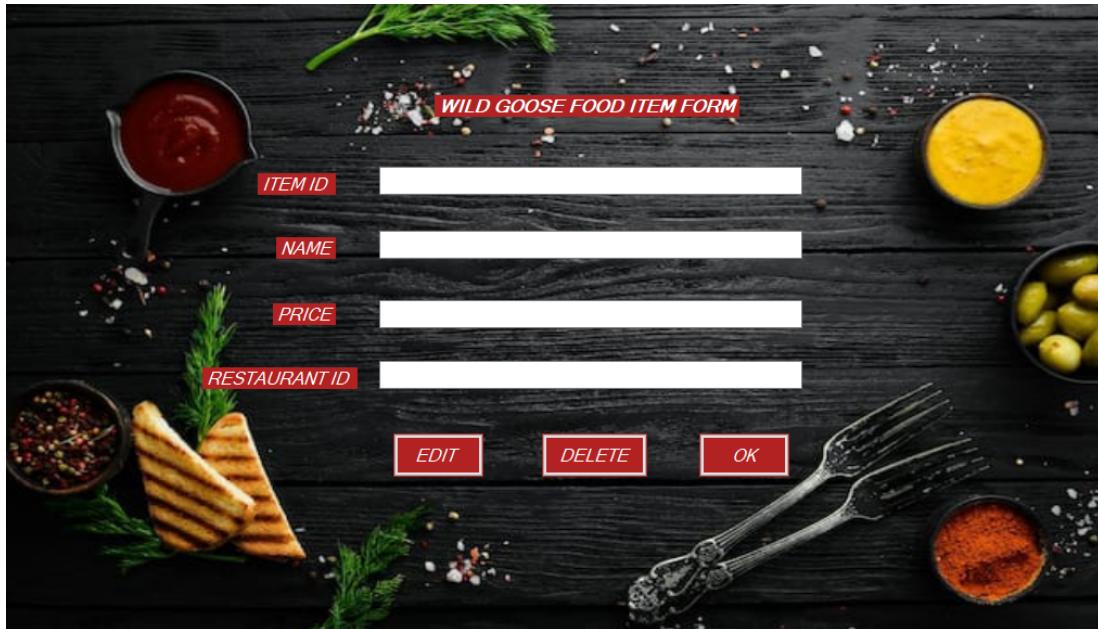
This is the schedule form which is managed by admin.

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.

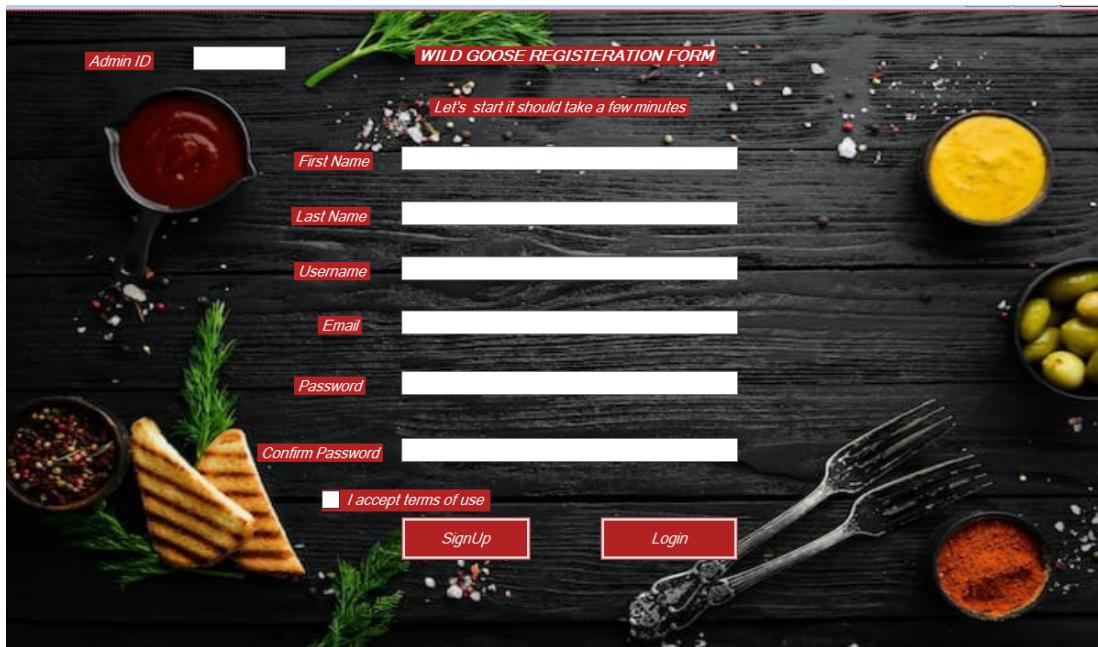


The form is titled "WILD GOOSE FOOD ITEM FORM". It contains four input fields: "ITEM ID", "NAME", "PRICE", and "RESTAURANT ID", each with a corresponding text input box. Below the input fields are three red buttons: "EDIT", "DELETE", and "OK". The background of the form is a dark wooden surface with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

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.

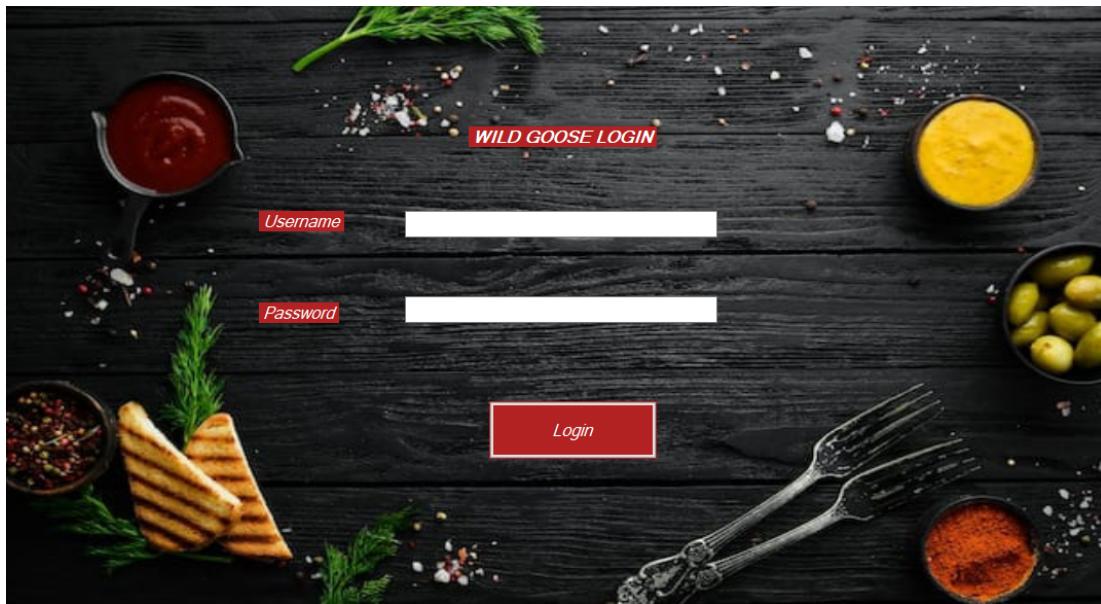


Figure 6.6: login

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"/>

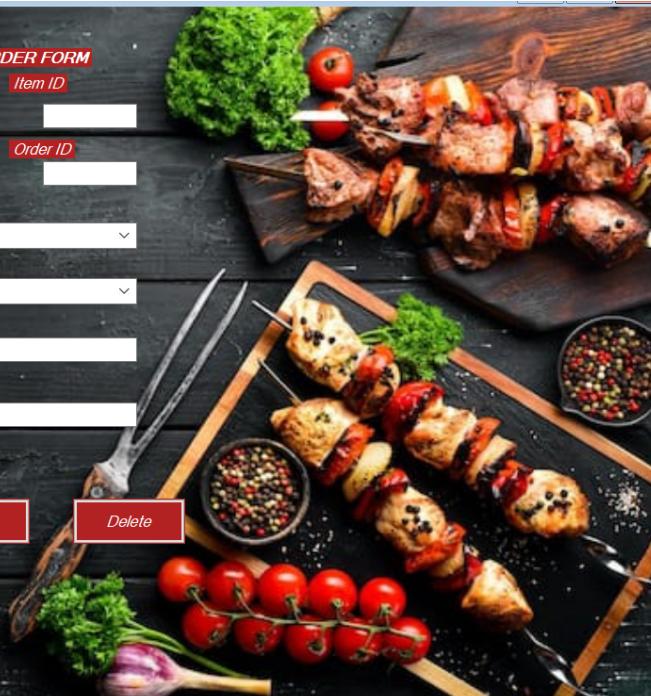


Figure 6.7: food-order

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"/>

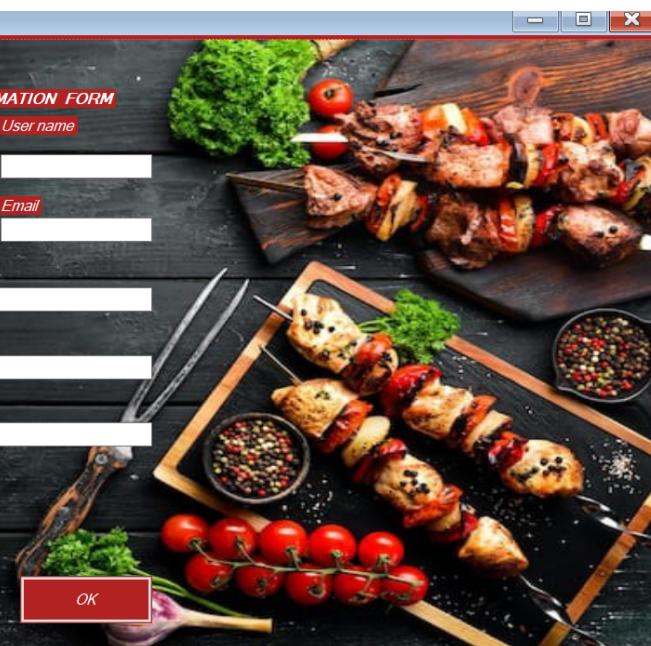


Figure 6.8: order-confirmation

6.1.9 Delivery Form

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

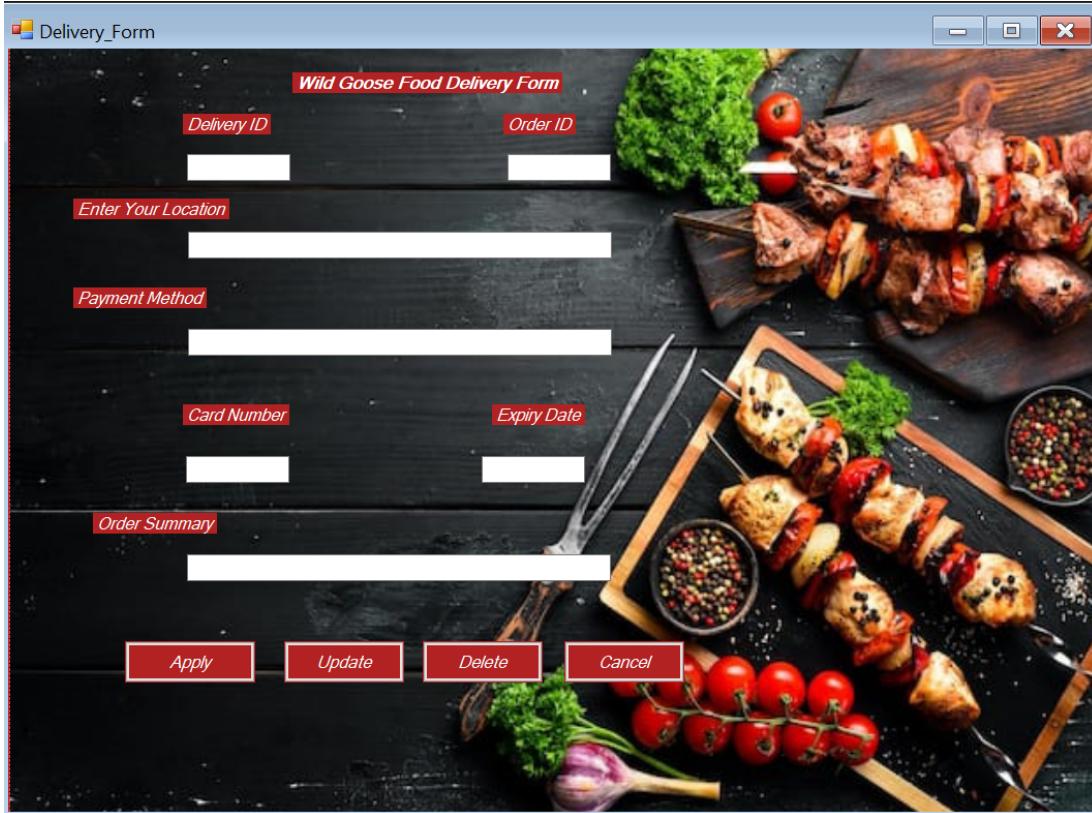


Figure 6.9: delivery

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.

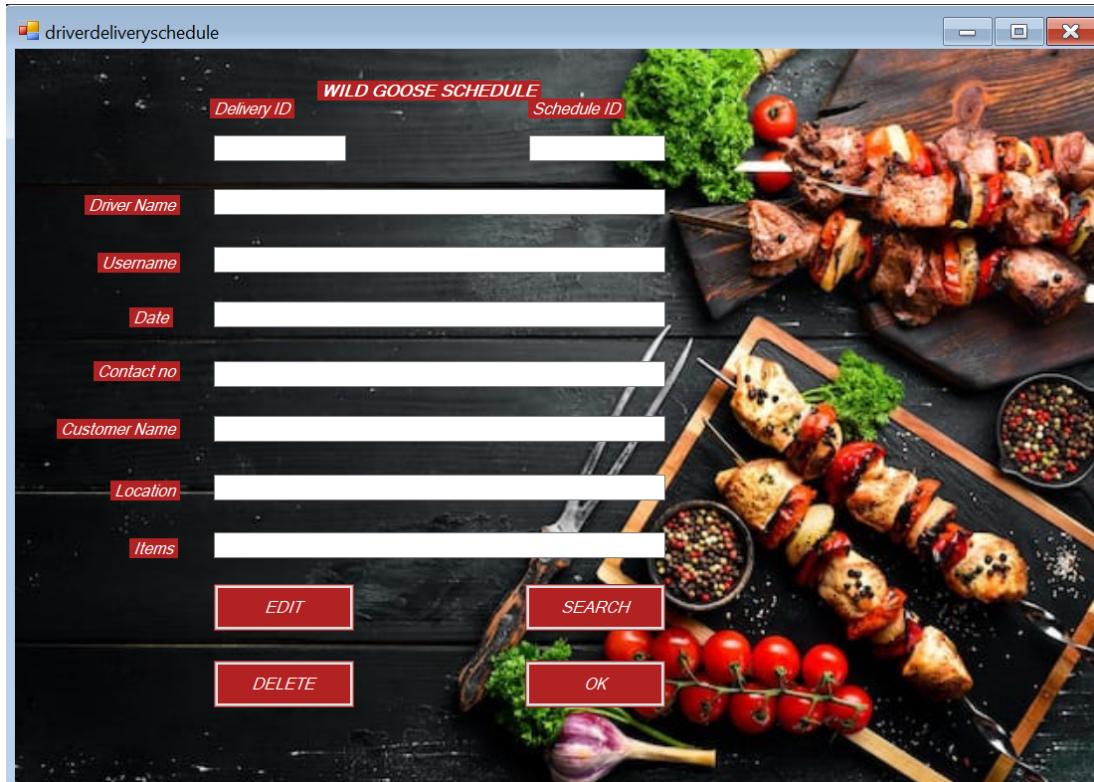


Figure 6.12: Driver-deliveryschedule

6.1.13 Restaurant Form

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

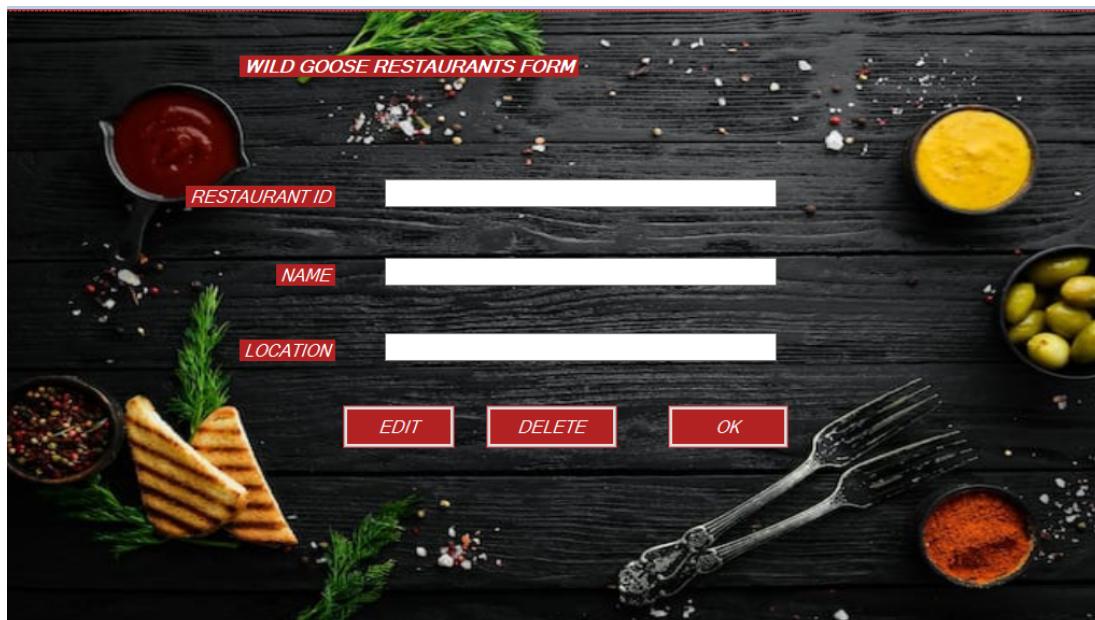


Figure 6.13: Restaurant

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.