

# Server-side programming

## WebWiz Group

Behnaz Khalili

Ehsan Ghambari

Sahdan Farahbakhshdarabi

Yan Deng

## Project Report: FOODI FOODI Restaurant Website Development

### Introduction

The WebWiz Group embarked on the development of the FOODi FOODI restaurant website with a primary focus on creating an aesthetically pleasing and user-friendly interface. The project aimed to integrate best practices in UI design, drawing inspiration from successful restaurant websites.

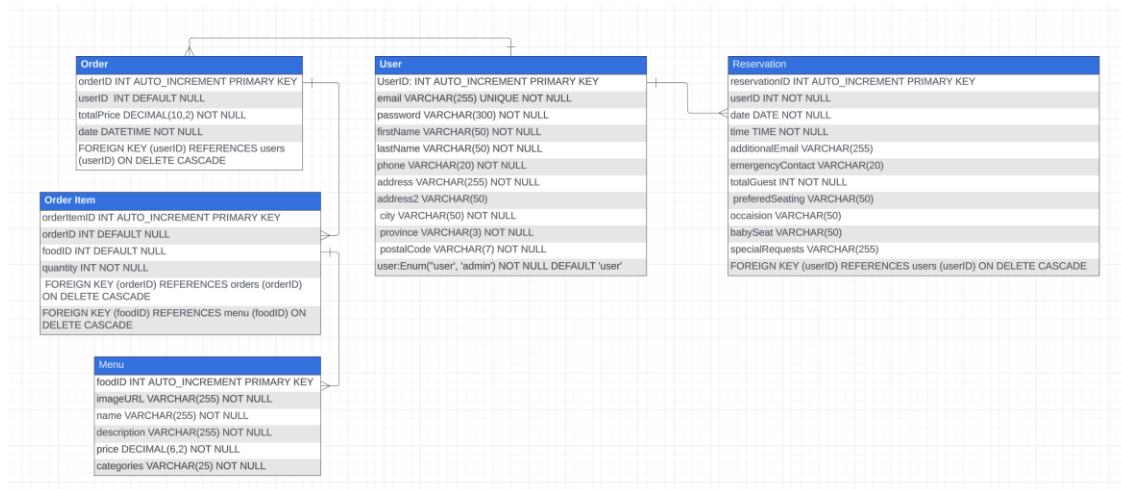
### Team Contributions

- Ehsan: Login/log out page; The user experience page and all the related pages; Enhancing the look of home page and header and menu;
- Shadan: About Us, Reservation page, and perform CRUD on reservation page, showing reservation, editing reservation and cancellation.
- Behnaz: Related functions of order page, cart order. Order confirmation.
- Yan's:-Admin platform to allow administrator to perform CRUD on Menu and Users.  
-Redesigned the appearance Order page and Cart page.

### Collaborative Development

After the initial setup, all team members actively participated in each other's parts, ensuring a cohesive and complete website package. This collaborative effort enhanced the overall quality and consistency of the project.

### Database Design



The relationships between tables are as follows:

- **User to Order:** One-to-Many
- **User to Reservation:** One-to-Many
- **Order to Order Item:** One-to-Many
- **Menu to Order Item:** One-to-Many

This design allows for tracking of which user places an order or makes a reservation, what items are included in each order, and what menu items are available. The ON DELETE CASCADE constraint ensures that all related data is removed when a user is deleted, maintaining referential integrity.

## Technologies Used

### Three APIs

- Map API on About us page, allowing user to locate our restaurant's location.
- Time stamp on order confirmation page, showing the time when did the customer placed the order.
- API for randomly generated cocktail to enhance interaction in our home page.

Jason&Ajax the user's information are sent to the server using AJAX in JSON format

### Advanced security measures

User role - User roles help in defining access levels and permissions for different types of users within a system, ensuring that users have appropriate access to resources.

Hashed password- We put hashed password to secure our customer's password.

Constraints for password: We put more striction on password setting to increase security of the

## Challenges Faced

- Issues with updating and delete information to the database due to database constraints

- Redesign the look of the pages
- Sending and Receiving Json Data and working with AJAX
- Learning to know how to work with foreign key a

## UI Design

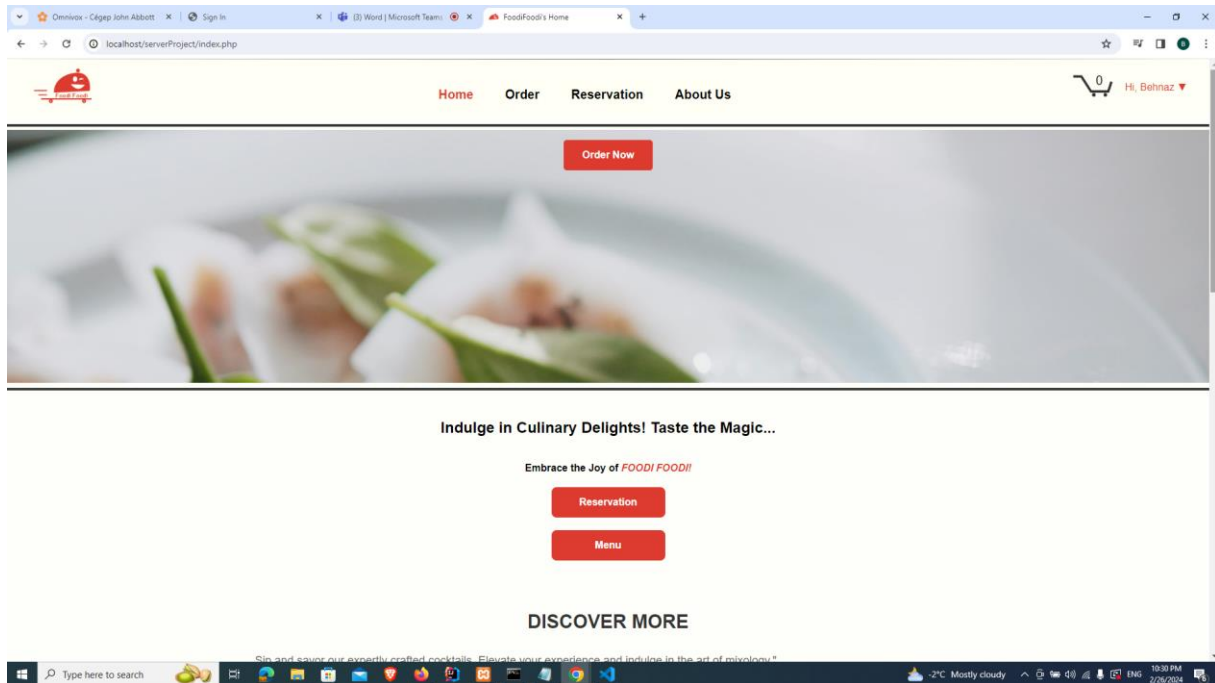
- Detailed discussion on the chosen visual layout, color scheme, and button placements.
- Integration of UI design best practices.

## Conclusion

- Recapitulation of the project's goals and achievements.
- Acknowledgment of successful collaboration and teamwork.

## Screenshots of all pages

### 1. Home:



localhost/serverProject/serverProject/Reservation.php

Home Order Reservation About Us

Hi, Shaden

### Reservation Form

First Name \* Shaden

Last Name \* Farahbakhshdarabi

Email \* sh.farahbakhsh@yahoo.com

Emergency Contact Number 000 0000000

Date \* yyyy-mm-dd

Time \* --:--:--

Total Guest \* 4

Preferred Seating: ☐ Inside ☐ Outside

Do you need a baby seat? ☐ Yes ☐ No

Occasion: Birthday

Special Information: Enter your special request here

Book a Table

Reset

Home Order Reservation About Us

Hi, Shaden

### You table reserved successfully

#### Reservation detail

Reservation ID: 87

Email: sh.farahbakhsh@gmail.com

Baby Seat is needed: Yes

Reservation Date: 2024-03-06

Reservation Time: 22:43:00

Emergency Contact: 514 1111111

Total Guests: 3

Occasion: Anniversary

Special Requests:

Edit Reservation Cancel Reservation Back to Reservation

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localhost/serverProject/serverProject/Confirmation.php

Hi, Shaden

localhost says  
Are you sure you want to cancel this reservation?

OK Cancel

### You table reserved successfully

#### Reservation detail

Reservation ID: 87

Email: sh.farahbakhsh@gmail.com

Baby Seat is needed: Yes

Reservation Date: 2024-03-06

Reservation Time: 22:43:00

Emergency Contact: 514 1111111

Total Guests: 3

Occasion: Anniversary

Special Requests:

Edit Reservation Cancel Reservation Back to Reservation

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Reservation



#### Shadan Farahbakhsh

**Chef** Embarking on a culinary journey at 18 in a small Iranian restaurant, she immersed herself in the rich tapestry of Persian flavors. With a career spanning prestigious kitchens in Montreal, she perfected the art of crafting delectable dishes and irresistible desserts. A culinary storyteller, she weaves emotions into each plate, inviting you to savor a world of flavors shaped by passion and experience.

[Contact by email](#)



#### Behnaz Khalili

**Sommelier, Win Specialise**

Behnaz, a seasoned sommelier at FOODI FOODI, seamlessly intertwines the worlds of wine and customer service with unparalleled expertise. Rooted in years of restaurant industry experience and studies in Paris, she is driven by an insatiable thirst for knowledge, regularly exploring the nuances of natural agriculture. Characterized by sensitivity, warmth, and acute environmental awareness, Behnaz shapes the FOODI FOODI experience, crafting wine lists and pairings to ensure every moment is a symphony of flavors and attentive service.

[Contact by email](#)



#### Ehsan Ghambari

**Restaurant Owner** As the visionary owner of a culinary haven, he artfully orchestrates flavors that enchant patrons upon entry. His deep-rooted passion for gastronomy drives a menu marrying innovation and tradition. Beyond the dining space's warm embrace and meticulously plated dishes, each element reflects his commitment to an unforgettable experience. Leading with a familial touch, this restaurant is more than a business—it's a tradition woven into his family's heritage. He envisions a vibrant tapestry where community, artistry, and exceptional cuisine converge, inviting guests on a uniquely familial culinary journey.

[Contact by email](#)



#### Yan Deng

**Pastry chef**

With a passion that extends beyond the kitchen, Yan crafts each dessert with a blend of creativity, skill, and a touch of whimsy. Trained in the fine art of pastry and dessert making, she brings a fresh perspective to classic favorites and innovative creations alike. Yan's desserts are more than just a course; they are an experience. From the velvety smoothness of her signature chocolate creations to the vibrant bursts of flavor in her fruit-based delights, each dish is designed to leave a lasting impression. Her dedication to excellence and innovation ensures that every dessert from FoodiFoodi's kitchen is a journey of delightful discovery.

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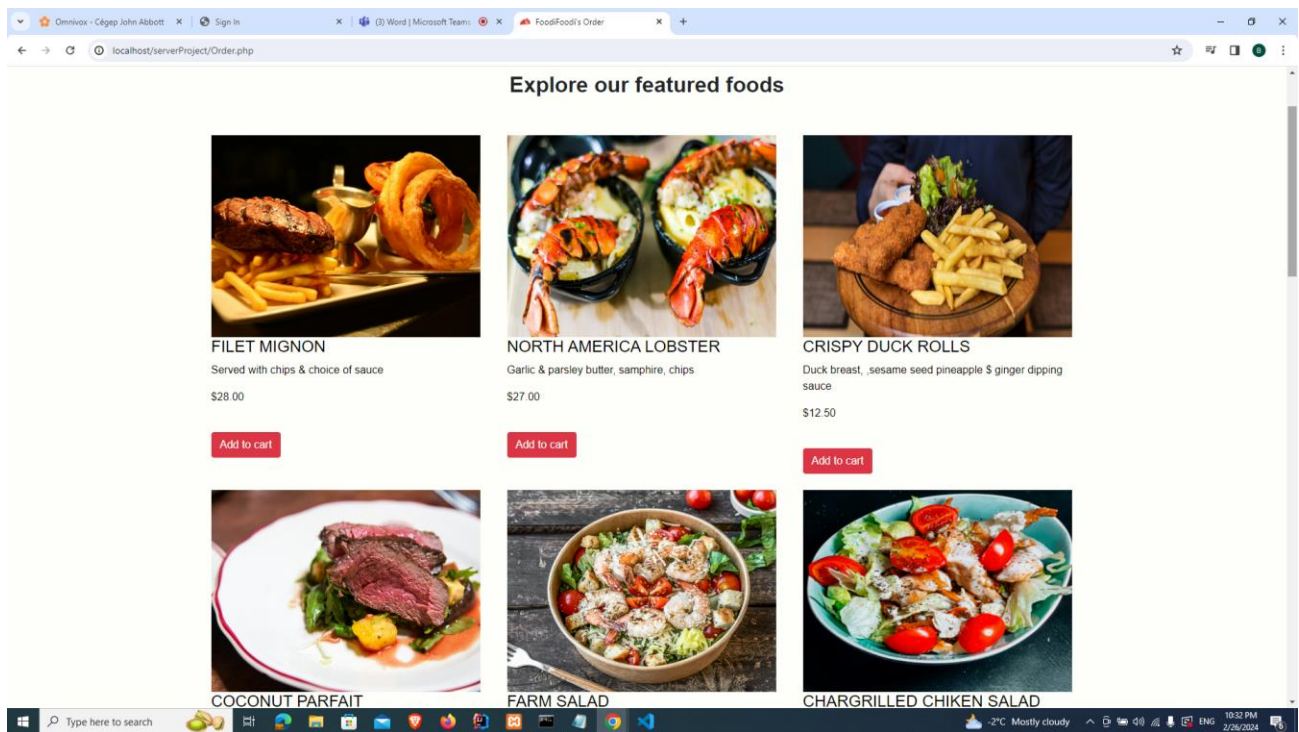
**Contact Us**  
21 275 Rue Lakeshore Road,  
Sainte-Anne-de-Bellevue,  
QC H9X 3L9, Canada  
Phone: +1 514-457-5036

#### Hours of Operation:

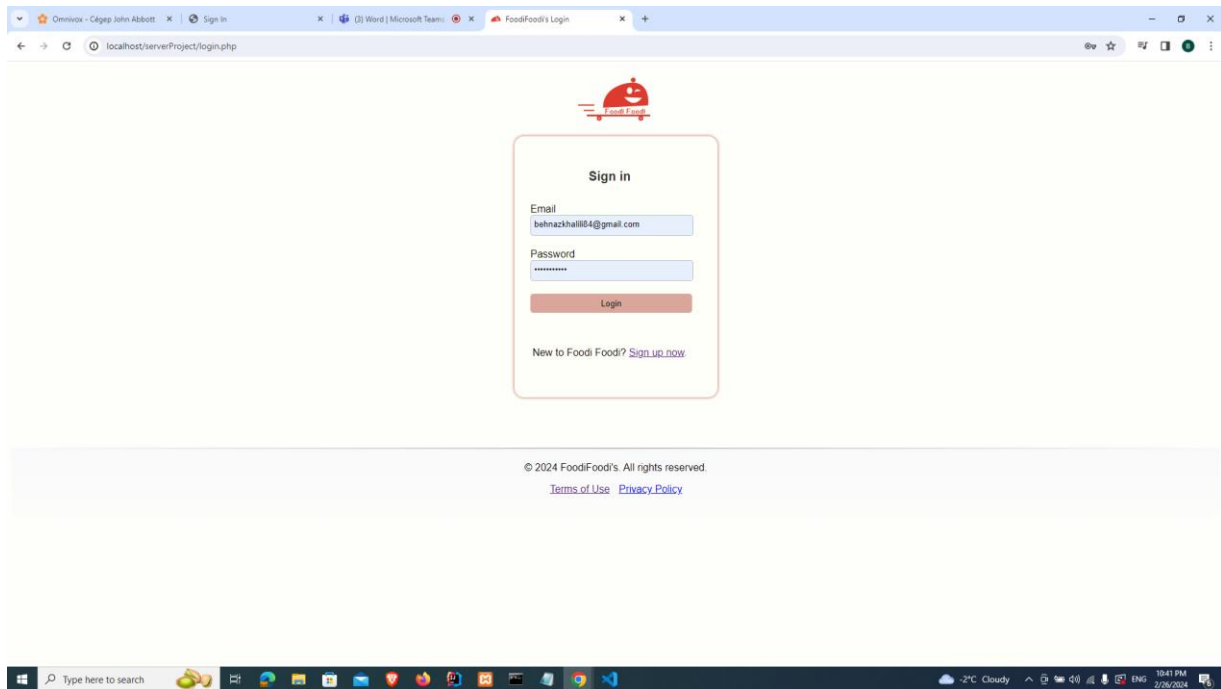
<b>Monday</b>	5:00 AM – 9:30 PM
<b>Tuesday</b>	5:00 AM – 9:30 PM
<b>Wednesday</b>	5:00 AM – 9:30 PM
<b>Thursday</b>	5:00 AM – 9:30 PM
<b>Friday</b>	5:00 AM – 9:30 PM
<b>Saturday</b>	5:00 AM – 9:30 PM
<b>Sunday</b>	5:00 AM – 9:30 PM

- 1.Reservation:
  2. confirmation
- 3.Reservation Edit
- 4.Reservation Cancel
- 5.About Us

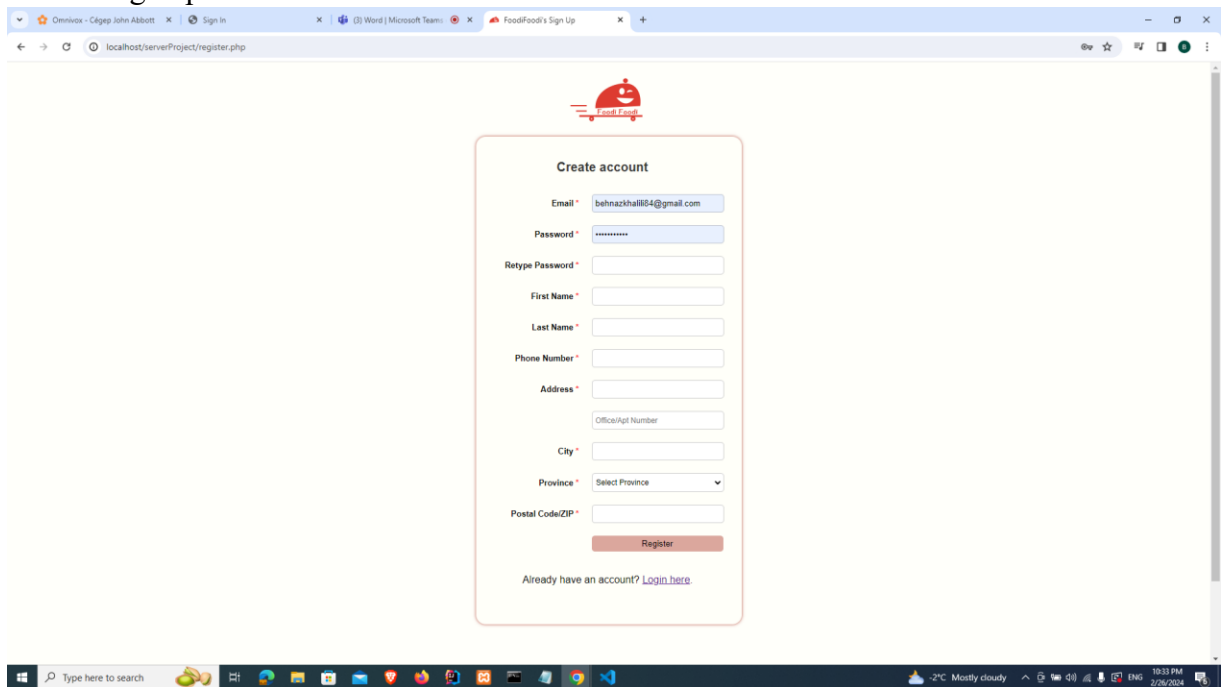
## 2. Order:



## 3. Login:

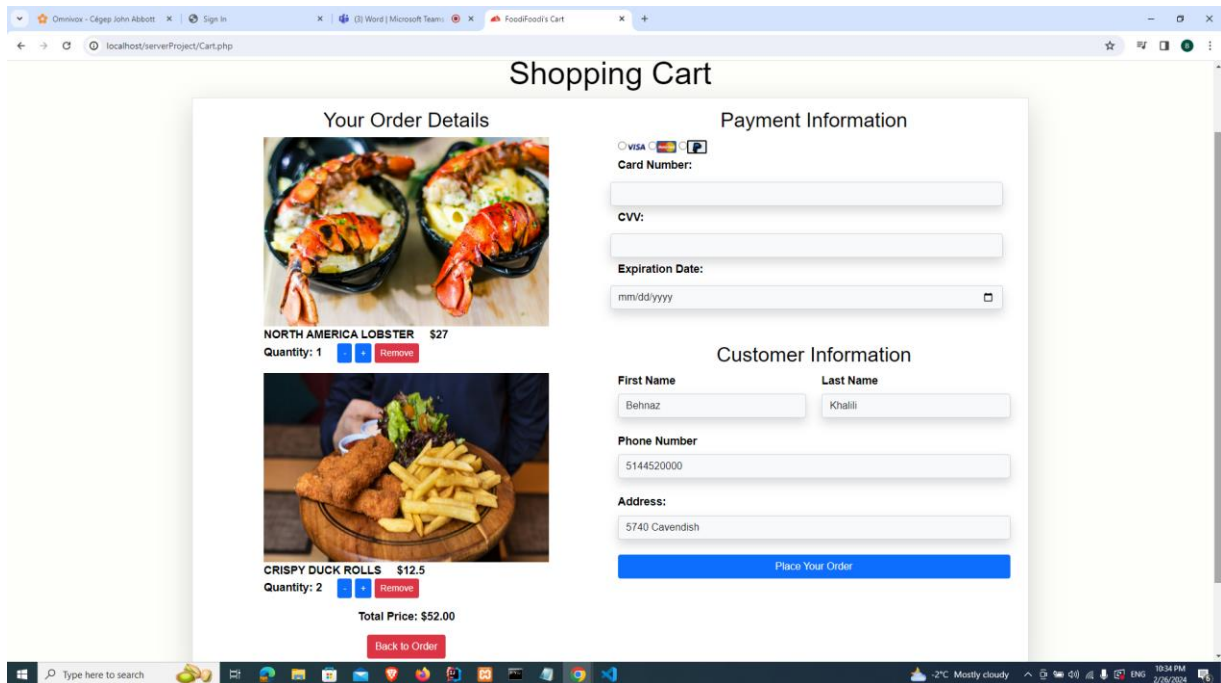


#### 4. Sign up:

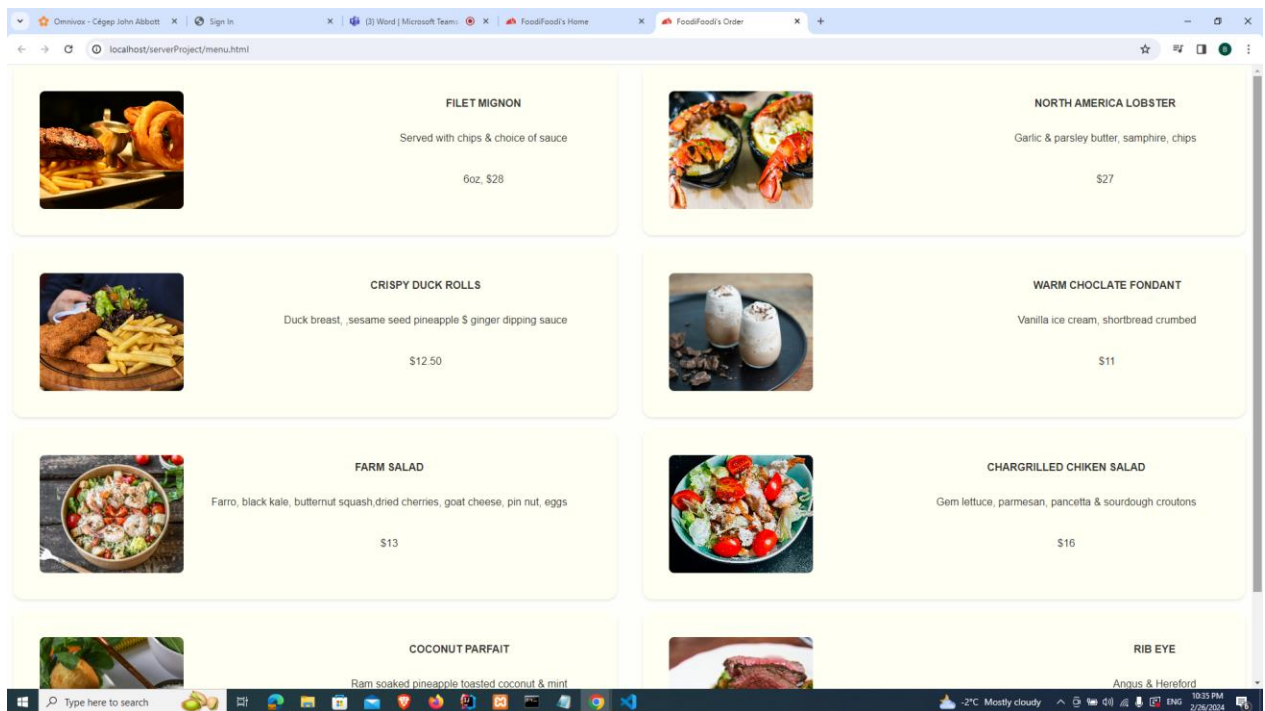


#### 5. Cart:



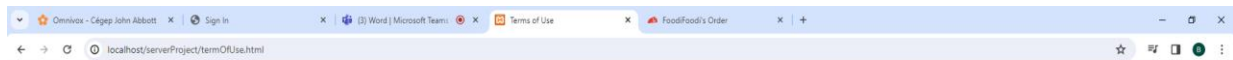


## 6. Menu:



## 7. Privacy terms and conditions:





## Terms of Use

Please read these terms and conditions carefully before using our website.

### 1. Agreement to Terms

By accessing or using our website, you agree to be bound by these terms of use. If you do not agree to all the terms and conditions of this agreement, then you may not access the website or use any services.

### 2. Use License

- Permission is granted to temporarily download one copy of the materials (information or software) on our website for personal, non-commercial transitory viewing only.
- This is the grant of a license, not a transfer of title, and under this license, you may not:
  - modify or copy the materials;
  - use the materials for any commercial purpose, or for any public display (commercial or non-commercial);
  - attempt to decompile or reverse engineer any software contained on our website;
  - remove any copyright or other proprietary notations from the materials; or
  - transfer the materials to another person or "mirror" the materials on any other server.

To be continued...









## 8. Admin CRUD for menu:

**Welcome Yan!** [Manage Menu](#) [Manage Users](#) [Add New Items](#) [Log Out](#)

10 entries per page

List of menu

foodID	Categories	Image	Name	Description	Price	Action
24	Appetizer		FARM SALAD	Farro, black kale, butternut squash,dried cherries, goat cheese, pin nut, eggs	\$13.00	<a href="#">Update</a> <a href="#">Delete</a>
25	Appetizer		CHARGRILLED CHIKEN SALAD	Gem lettuce, parmesan cheese, pancetta & sourdough croutons	\$16.00	<a href="#">Update</a> <a href="#">Delete</a>
26	Main		FILET MIGNON	Our FILET MIGNON is a masterpiece of flavor,served with chips & choice of sauce	\$28.00	<a href="#">Update</a> <a href="#">Delete</a>
27	Main		NORTH AMERICA LOBSTER	Savor the taste of the ocean with our LOBSTER,with Garlic & parsley butter, samphire, chips	\$27.00	<a href="#">Update</a> <a href="#">Delete</a>
28	Main		CRISPY DUCK ROLLS	Duck breast, ,sesame seed pineapple \$ ginger dipping sauce	\$12.50	<a href="#">Update</a> <a href="#">Delete</a>
29	Main		COCONUT PARFAIT	Coconut mousse with layers of tangy tropical fruit on a crispy biscuit base.	\$34.00	<a href="#">Update</a> <a href="#">Delete</a>

## 9. Admin CRUD Add menu:

### Add New Menu Item

Please note all inputs are required!




Image URL

Name

Description

Price

Categories

Please select

## 10. Admin CRUD Delete menu:

Are you sure you want to delete this item?

## 11. Admin CRUD Update menu:

Welcome Yan!

Manage Menu

Manage Users

ADD NEW ITEMS

Log Out

Update Menu Item

Please note all inputs are required!




Image URL

assets/steak.jpg

Name

FILET MIGNON

Description

Our FILET MIGNON is a masterpiece of flavor,served with

Price

28.00

Categories

Please select

SUBMIT

## 12. Admin CRUD for user:

Welcome Yan!

Manage Menu

Manage Users

Add New Users

Log Out

10 entries per page

Search:

List of users

UserID	Email	First	Last	Phone	Address	Address2	City	Province	PostalCode	Role	Action
10	nicolegordon@gmail.com	Christopher	Acosta	4730468908	10575 Russell Groves	Apt. 149	Lake Katherinebury	MS	44029	user	<div>Update</div> <div>Delete</div>
11	test123@gmail.com	Yan	Deng	5142223333	123 test street		Montreal	QC	H3E0C7	admin	<div>Update</div> <div>Delete</div>

Showing 1 to 2 of 2 entries

<<

<

1

>


>>

## 13. Admin CRUD Update for user:

Welcome Yan!Manage MenuManage UsersADD NEW USERSLog Out

Add New Menu Item

Please note all inputs are required!



Email

nicolegordon@gmail.com

First Name

Christopher

Last Name

Acosta

Phone Number

4730468908

Address

10575 Russell Groves

Apt. 149

City

Lake Katherinebury

Province

Select Province

Postal Code/ZIP


44020

#### 14. Admin CRUD Add New user:

Welcome Yan!Manage MenuManage UsersLog Out

Add New Menu Item

Please note all inputs are required!



Email

Password

Retype Password

First Name

Last Name

Phone Number

Address

City

Province

Select Province

Postal Code/ZIP

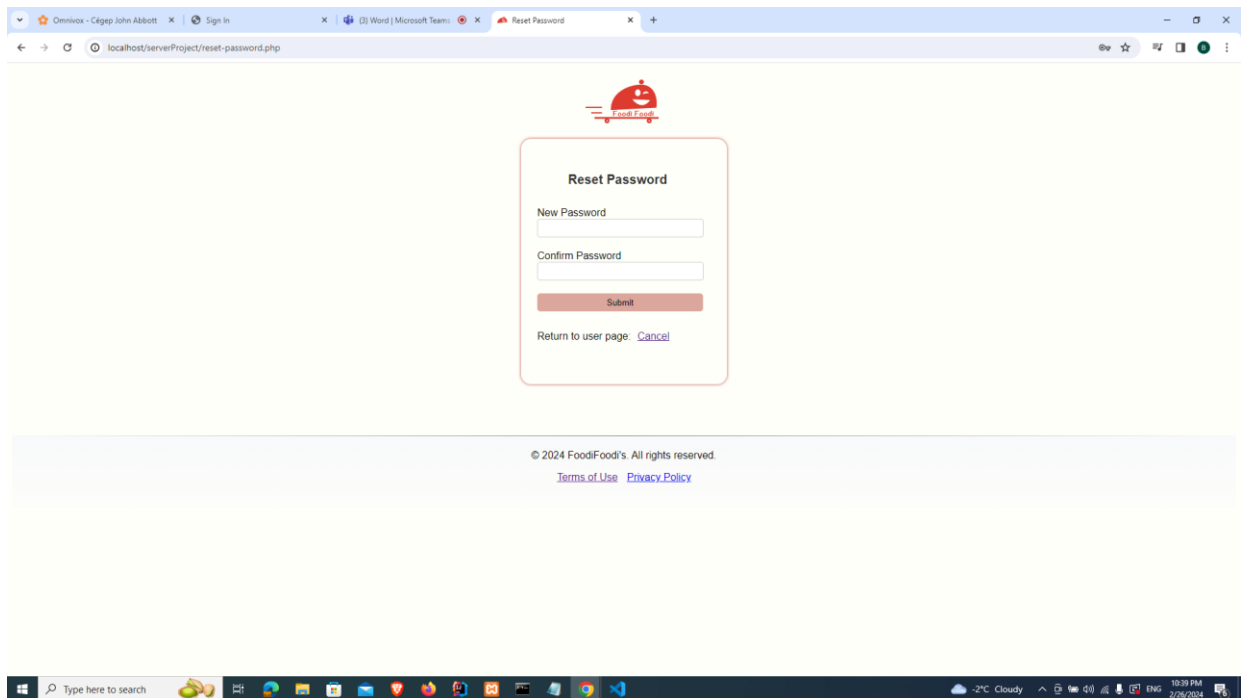
#### 15. Admin CRUD Delete user:

Are you sure you want to delete this user?

[Yes](#)

[No](#)

## 18.Reset password



Reset Password

New Password

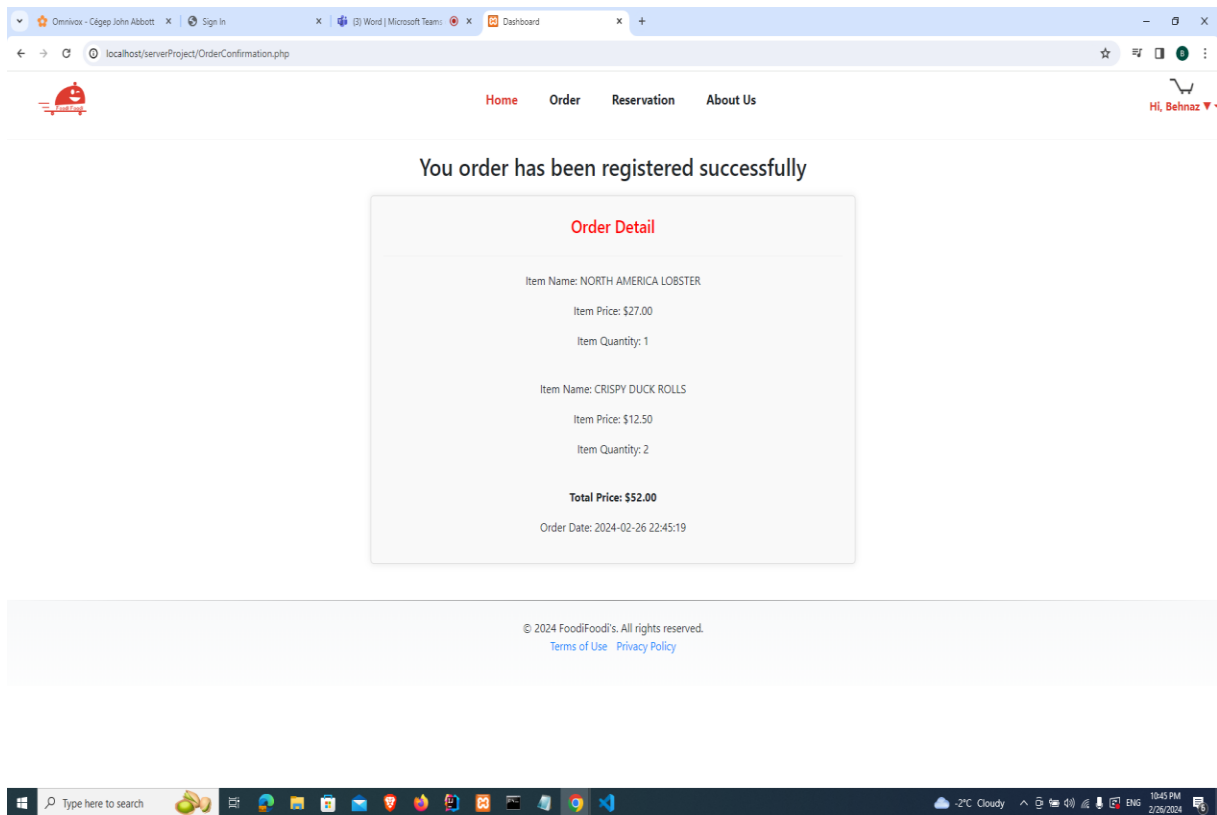
Confirm Password

Submit

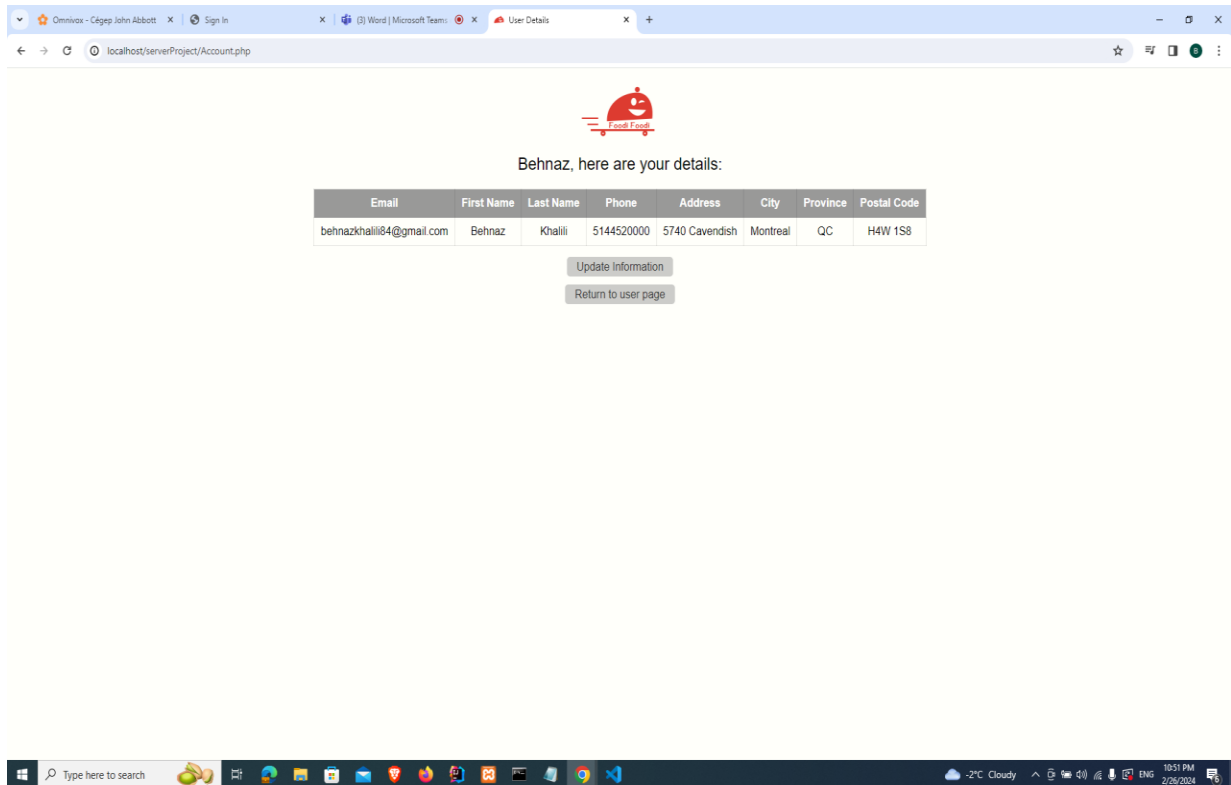
Return to user page: [Cancel](#)

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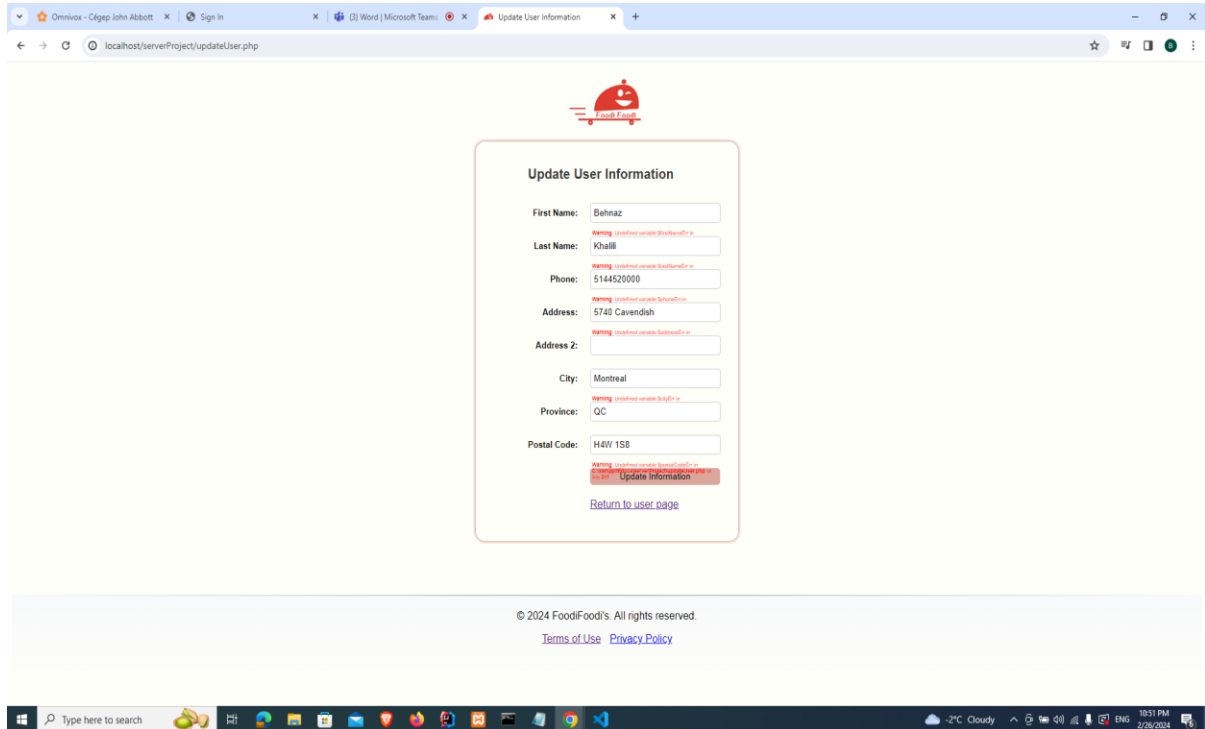
## 19.Order Confirmation



## 20.Account Information

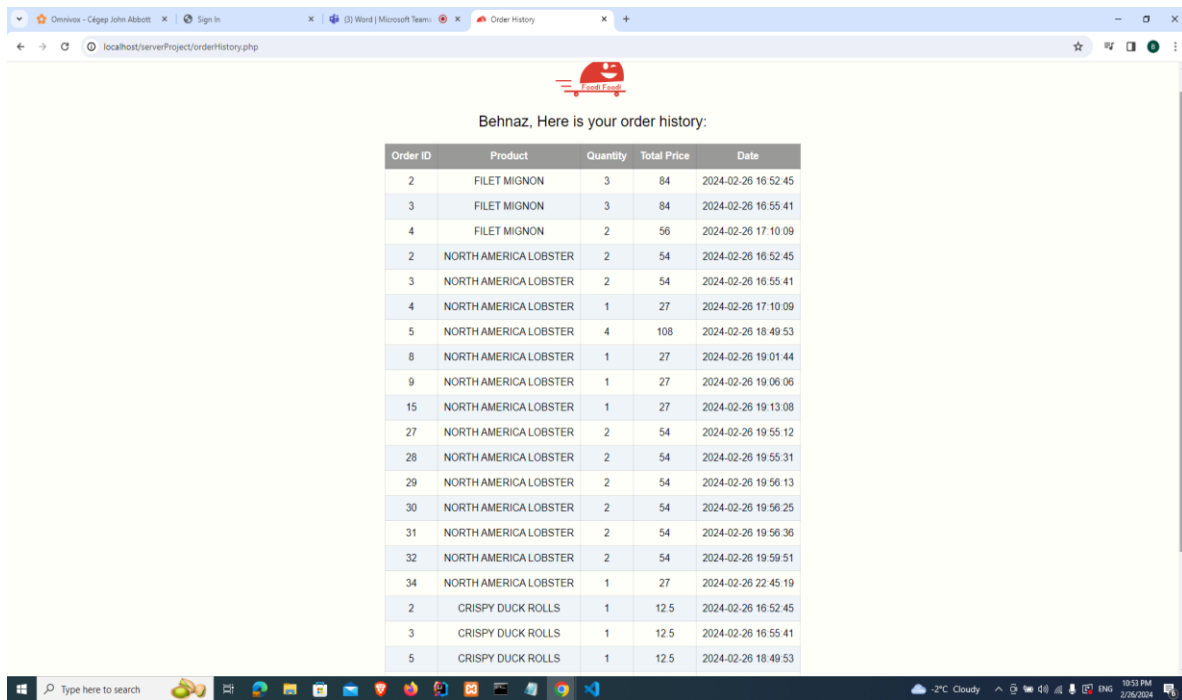


21.





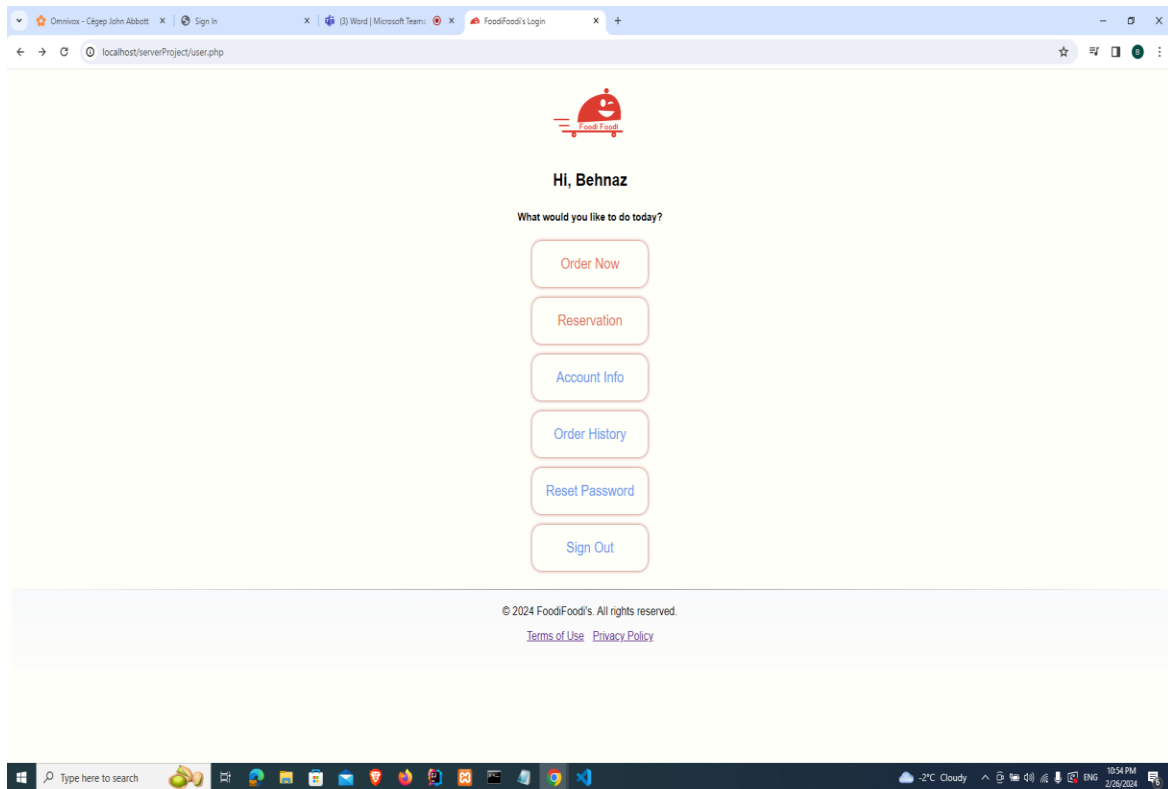
## 22.Order history



Behnaz, Here is your order history:

Order ID	Product	Quantity	Total Price	Date
2	FILET MIGNON	3	84	2024-02-26 16:52:45
3	FILET MIGNON	3	84	2024-02-26 16:55:41
4	FILET MIGNON	2	56	2024-02-26 17:10:09
2	NORTH AMERICA LOBSTER	2	54	2024-02-26 16:52:45
3	NORTH AMERICA LOBSTER	2	54	2024-02-26 16:55:41
4	NORTH AMERICA LOBSTER	1	27	2024-02-26 17:10:09
5	NORTH AMERICA LOBSTER	4	108	2024-02-26 18:49:53
8	NORTH AMERICA LOBSTER	1	27	2024-02-26 19:01:44
9	NORTH AMERICA LOBSTER	1	27	2024-02-26 19:06:06
15	NORTH AMERICA LOBSTER	1	27	2024-02-26 19:13:08
27	NORTH AMERICA LOBSTER	2	54	2024-02-26 19:55:12
28	NORTH AMERICA LOBSTER	2	54	2024-02-26 19:55:31
29	NORTH AMERICA LOBSTER	2	54	2024-02-26 19:56:13
30	NORTH AMERICA LOBSTER	2	54	2024-02-26 19:56:25
31	NORTH AMERICA LOBSTER	2	54	2024-02-26 19:56:36
32	NORTH AMERICA LOBSTER	2	54	2024-02-26 19:59:51
34	NORTH AMERICA LOBSTER	1	27	2024-02-26 22:45:19
2	CRISPY DUCK ROLLS	1	12.5	2024-02-26 16:52:45
3	CRISPY DUCK ROLLS	1	12.5	2024-02-26 16:55:41
5	CRISPY DUCK ROLLS	1	12.5	2024-02-26 18:49:53

## 23.User experience



<https://foodifoodi.000webhostapp.com/index.html>