



Transform Yourself

ONLINE MINERAL WATER SERVICE SYSTEM

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AGENDA

- ❖ Abstract
- ❖ Existing System
- ❖ Proposed System
- ❖ System Specification (Hardware , Software Requirements)
- ❖ Data Flow Diagram
- ❖ ER Diagram
- ❖ Module Description
- ❖ Conclusion & Future scope
- ❖ Screenshots

ABSTRACT

- The Project entitled as “**Online Mineral Water Service System**” is focuses on the development of ordering Drinking Water Bottles.
- The admin interface enables administrators to manage users, products, and orders within the application
-
- The Customer module would be responsible for handling Customer-related functionalities such as registration, login, browsing products, placing orders, and managing user profiles.
- The system is build on Asp.net Core Web Api and MVC

EXISTING SYSTEM

- The current system lacks a web application, leaving the shop reliant on traditional in-store transactions.
- Customers are unable to browse products, make purchases, or access detailed information online.
- Administrators manually manage inventory, sales, and customer interactions without digital tools.
- It creates barriers to customer engagement, convenience, and effective business management. The Existing system lacks a centralized, seamless, and trustworthy platform for purchasing water bottles.

PROPOSED SYSTEM

- It's providing full details about the product and related information about the product like cost, quantity, description and review.
- This system allows to the customer to contact organization if they product delay . It can help the customer guide and manage through the feedback.
- The system will be developed in very user-friendly manner. Customer can easily interact with the system without any conflict.

SYSTEM SPECIFICATION

❖ Hardware Requirements

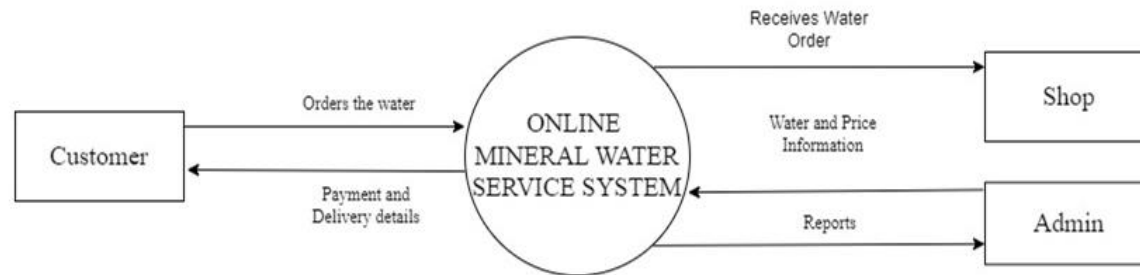
Processor	:	Intel core i5 10th Gen or Above
RAM	:	4 GB RAM
Hard Disk	:	240 GB HDD

❖ Software Requirements

Frond End	:	CSHTML ,CSS
Back End	:	C#
Database	:	Microsoft SQL Server
Framework	:	ASP.NET
IDE	:	Microsoft Visual Studio

DATA FLOW DIAGRAM

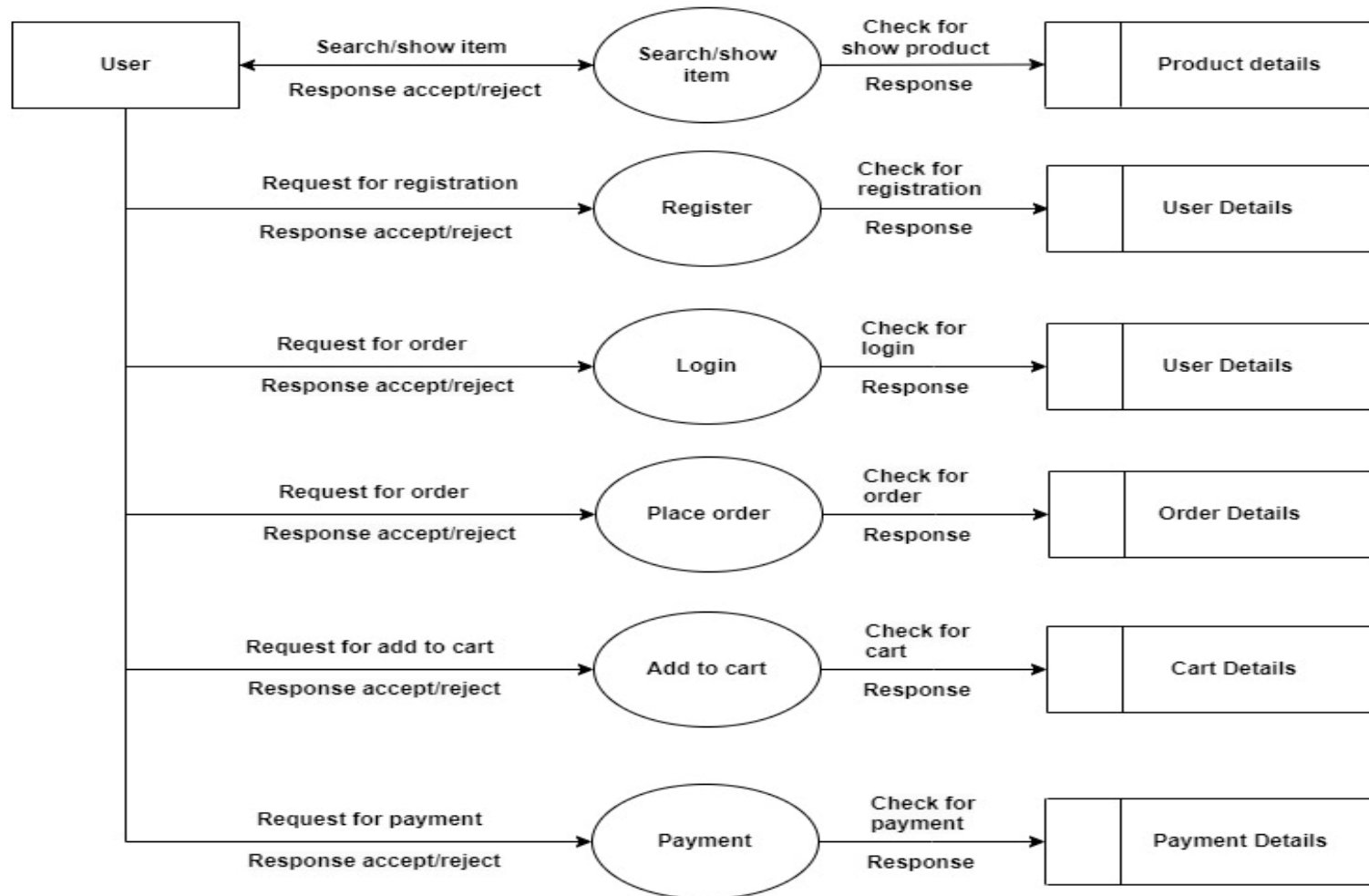
LEVEL 0



Estd : 1984

DATA FLOW DIAGRAM

LEVEL 1 for User



ER DIAGRAM

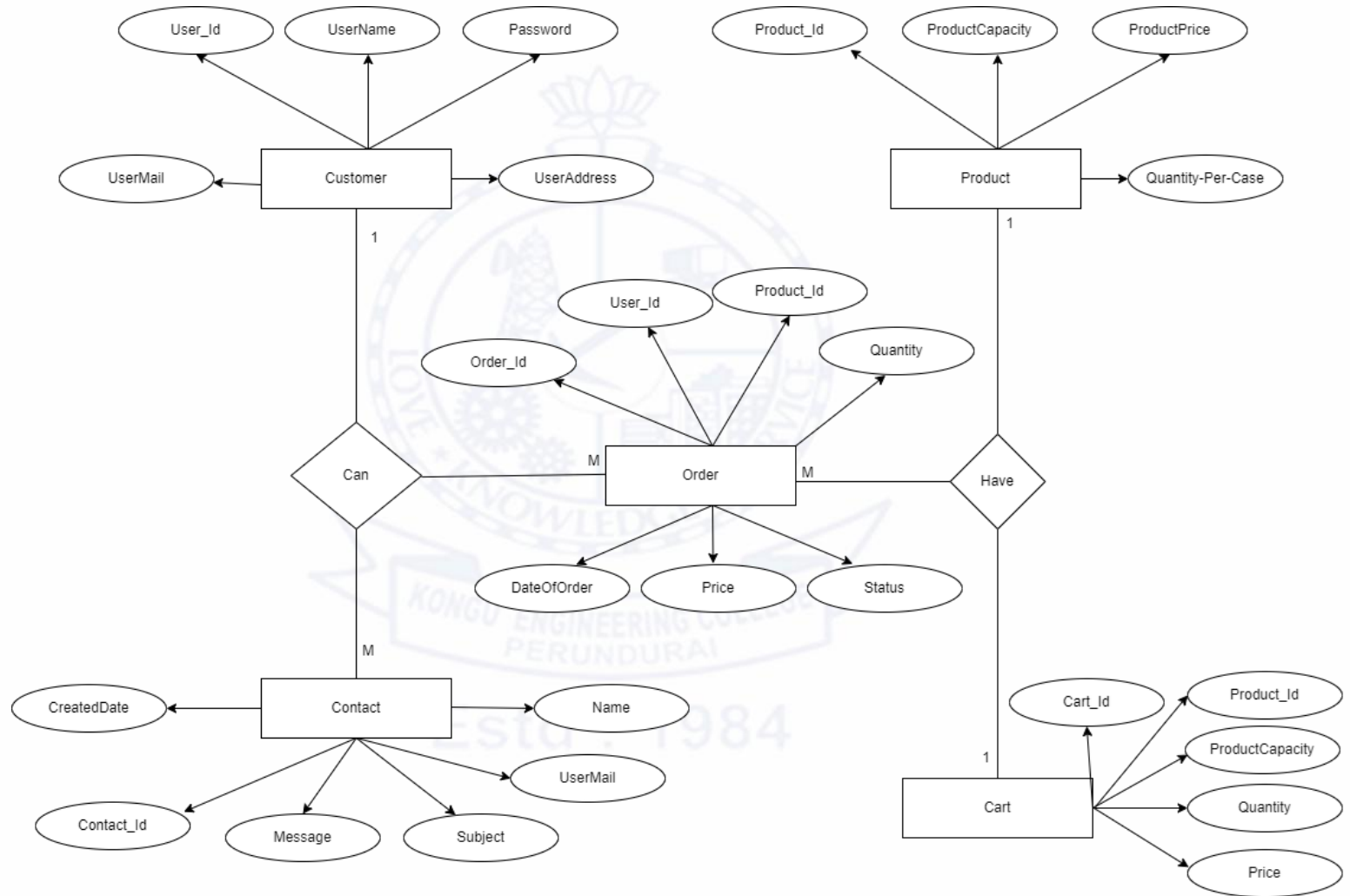


TABLE NAME : CUSTOMER

S.NO	ATTRIBUTE	DATA TYPE	SIZE	DESCRIPTION
1	User_ID	Int		User_Id of Customer
2	Password	Varchar	8	Password of Admin
3	Cust_Name	varchar	20	Name of the Customer
4	Cust_Mail	Varchar	25	E-Mail of the Customer
5	Cust_Mobile	number	10	Mobile Number of the customer
6	Cust_Address	Varchar	50	Address of the Customer

This table contains information about the Customer Such as Username,Password, Name,Email,mobile number,Address are stored in this table

TABLE NAME : PRODUCT

S.NO	ATTRIBUTE	DATA TYPE	SIZE	DESCRIPTION
1	Pro_Id	int		Id of the Product
2	Pro_Name	Varchar	20	Name of the product
3	Pro_capacity	Varchar	5	Capacity of the product
4	Pro_Price	Int		Price of the Product

This table contains information about product Such as Pro_id , Pro_name, Pro_capacity and Pro_Price are stored in this table

TABLE NAME : CART

S.NO	ATTRIBUTE	DATA TYPE	SIZE	DESCRIPTION
1	Cart_id	Varchar	20	Id of the Product
2	Pro_Id	Varchar	20	Name of the product
3	Quantity	Varchar	20	Name of the Customer
4	Status	Varchar	20	Status of ordered product

This table contains information Such as Pro_id ,Pro_name,Cust_name, Pro_Status are stored in this table

TABLE NAME : ORDERS

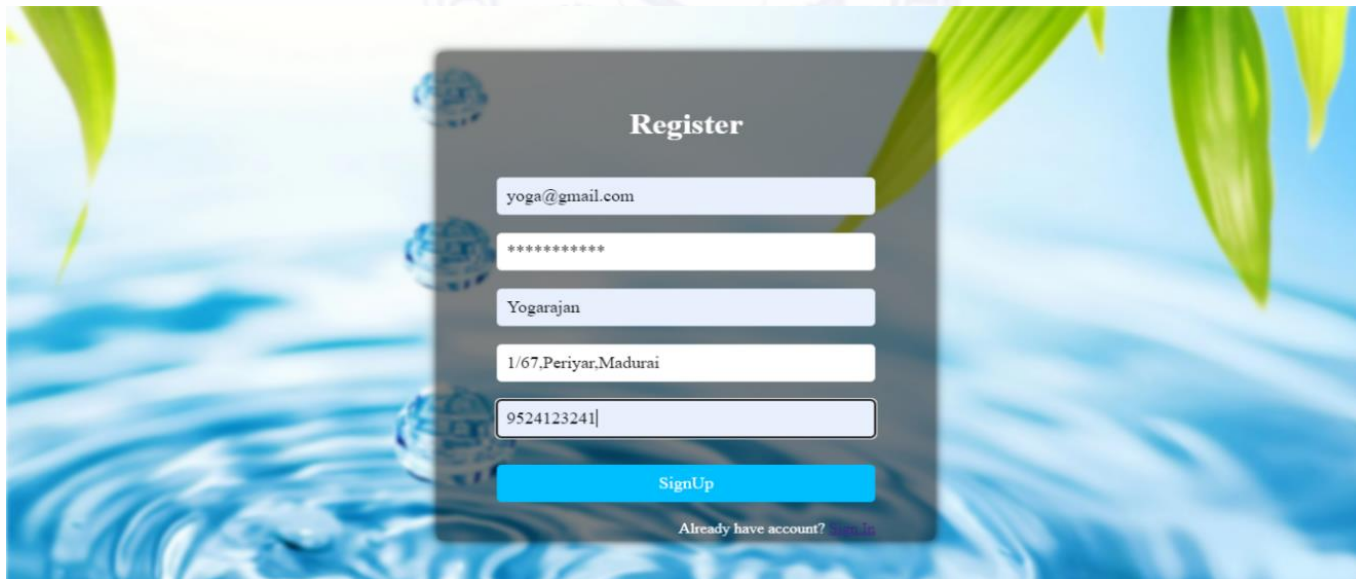
S.NO	ATTRIBUTE	DATA TYPE	SIZE	DESCRIPTION
1	Order_Id	int		Order ID
2	Pro_id	int		Id of Ordered Product
4	Quantity	int		Quantity of the product
5	Price	int		Price of the product
6	Cust_Id	int		Id of Customer
7	Status	Varchar	20	Status of ordered product

This table contains information about order details Such as id, Pro_id ,Pro_name ,quantity,price,Cust_name,Cust_mobile,Cust_Address are stored in this table

MODULES

Customer Module

- **Functionality:** login and Register
- **Example Components:** It includes functionalities for creating, editing, and deleting Customer Account.



Register

yoga@gmail.com

Yogarajan

1/67,Periyar,Madurai

9524123241|

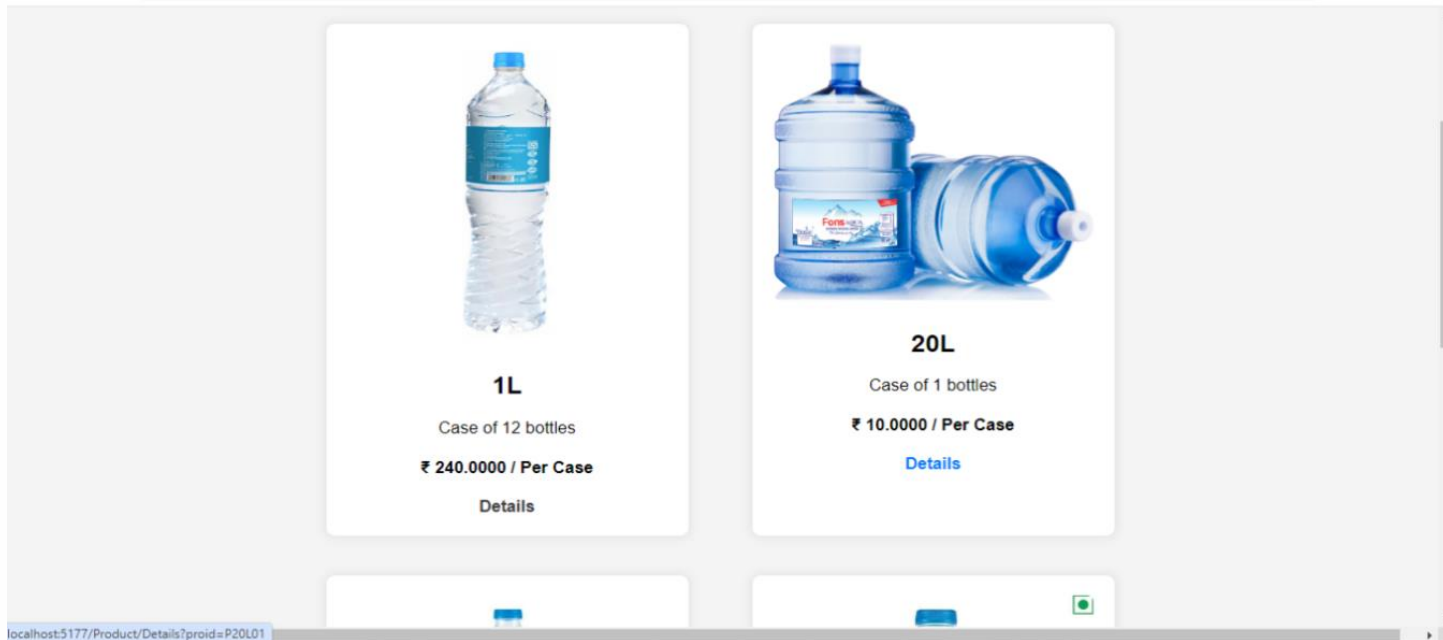
SignUp

Already have account? [sign in](#)

MODULES

Product:

- **Functionality:** Provides products into different capacities
- **Example Components:** It includes functionalities for creating, editing, and deleting products



MODULES

Cart:

- **Functionality:** Customer add products to their shopping cart
- **Example Components:** It includes functionalities for adding, removing, and updating items in the cart, as well as calculating the total price.

Your user ID is: gayathri@gmail.com

[Logout](#)

[Home](#) [Products](#) [Orders](#) [Contact](#) [About Us](#)

Cart

[Add New Item](#)

Product ID	Product Capacity	Quantity	Price	Action
1002	20L	6	480.00	Remove
1	500ML	5	600.00	Remove

Total Amount

1080.00

[CheckOut](#)

MODULES

Orders :

- **Functionality:** Manages the order processing
- **Example Components:** Shows the product or Menu details to order based on the quantity.

Your user ID is: yoga@gmail.com

HomeProductsOrdersContactAbout Us

Orders

Create New

Product_id	Capacity	Quantity	Price	Status	DateOfOrder
P20L01	20 Litre	2	160.00	Ordered	3/28/2024 1:33:18 AM
P1L12C	1 Litre	3	720.00	Ordered	3/28/2024 1:38:47 AM
P1L12C	1 Litre	3	720.00	Ordered	3/28/2024 1:39:09 AM
P20L01	20 Litre	4	10.00	Ordered	4/3/2024 1:58:04 PM
P20L01	20 Litre	5	10.00	Ordered	4/3/2024 2:16:45 PM
P1L12C	1 Litre	1	240.00	Ordered	4/3/2024 2:16:56 PM
P20L01	20 Litre	1	10.00	Ordered	4/3/2024 2:23:47 PM
P20L01	20 Litre	1	10.00	Ordered	4/3/2024 2:51:30 PM

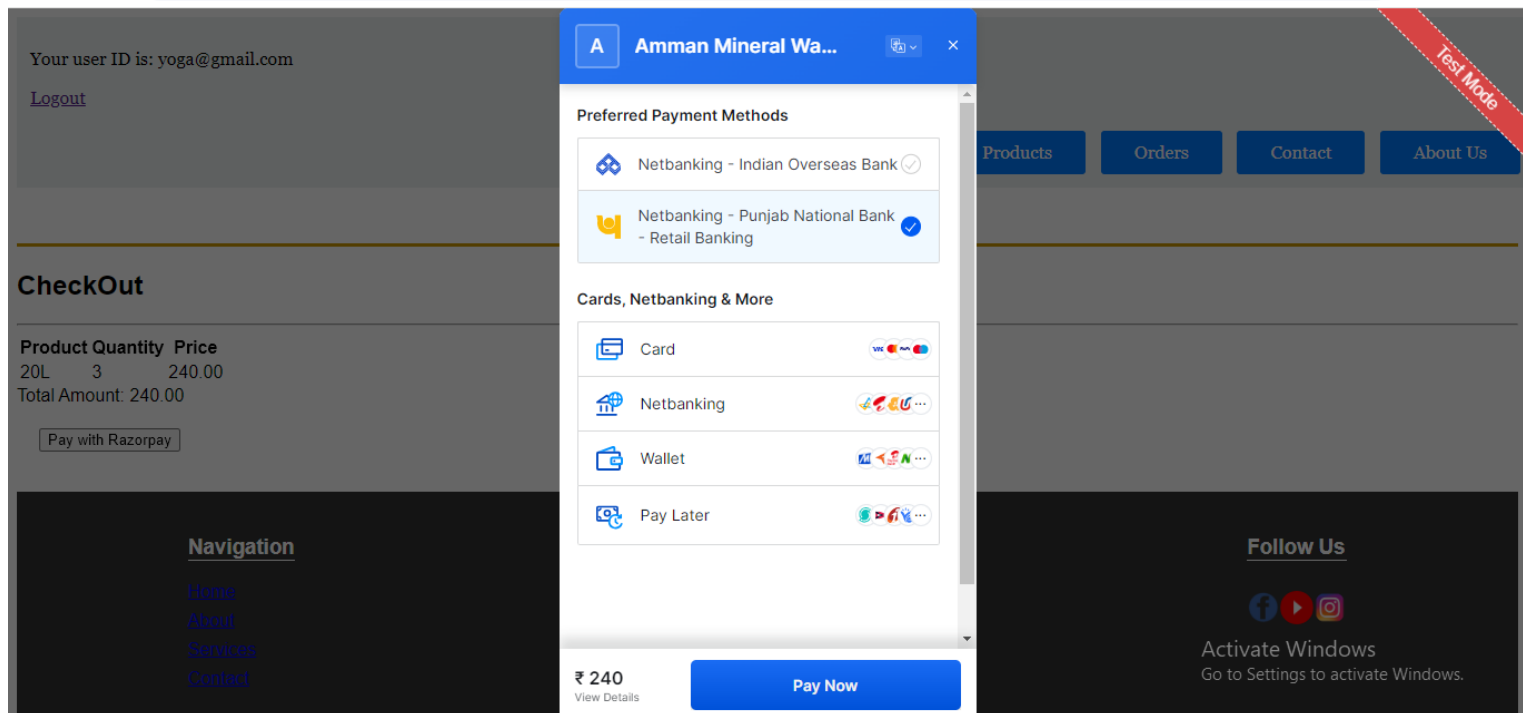
localhost:5177/Order/Create

Activate Windows
Go to Settings to activate Windows.

MODULES

Payment :

- **Functionality:** Users Payment process.
- **Example Components:** It contains mode of Payment like cards, netbanking .



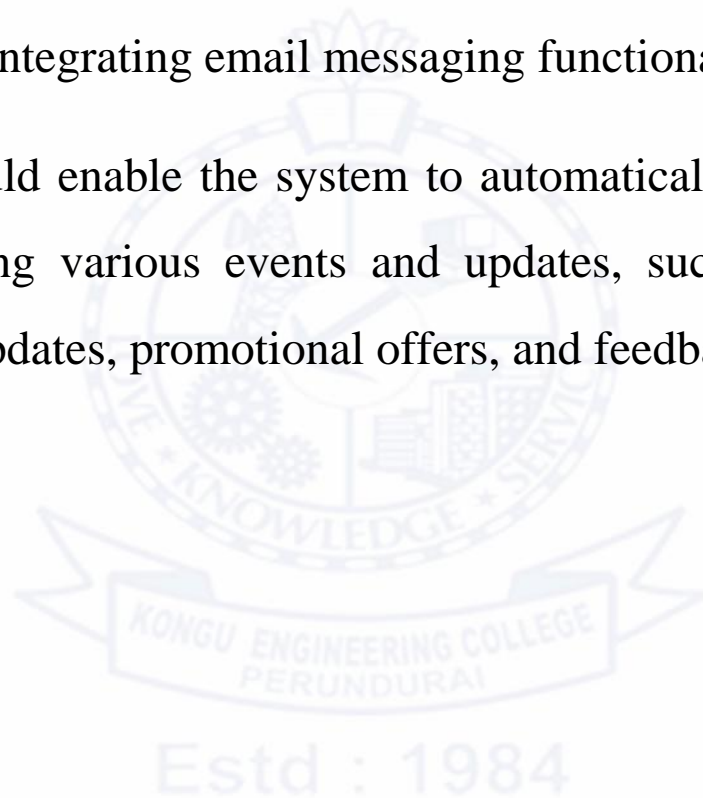
CONCLUSION AND FUTURE SCOPE

CONCLUSION

- Overall, an E-commerce website for a mineral water store is an excellent way to expand the store's reach, increase sales, and provide customers with a convenient way to purchase drinking water from the comfort of their own homes
- The website must be designed with a user-friendly interface, easy navigation, and secure payment processing to ensure customer satisfaction and trust.
- Overall, the system is designed to streamline data handling and management processes efficiently.

FUTURE SCOPE

- It could involve integrating email messaging functionalities. □
- This feature would enable the system to automatically send email notifications to users regarding various events and updates, such as order confirmations, delivery status updates, promotional offers, and feedback requests.



SCREENSHOTS

HOME PAGE

Your user ID is: gayathri@gmail.com

[Logout](#)

Home

Products

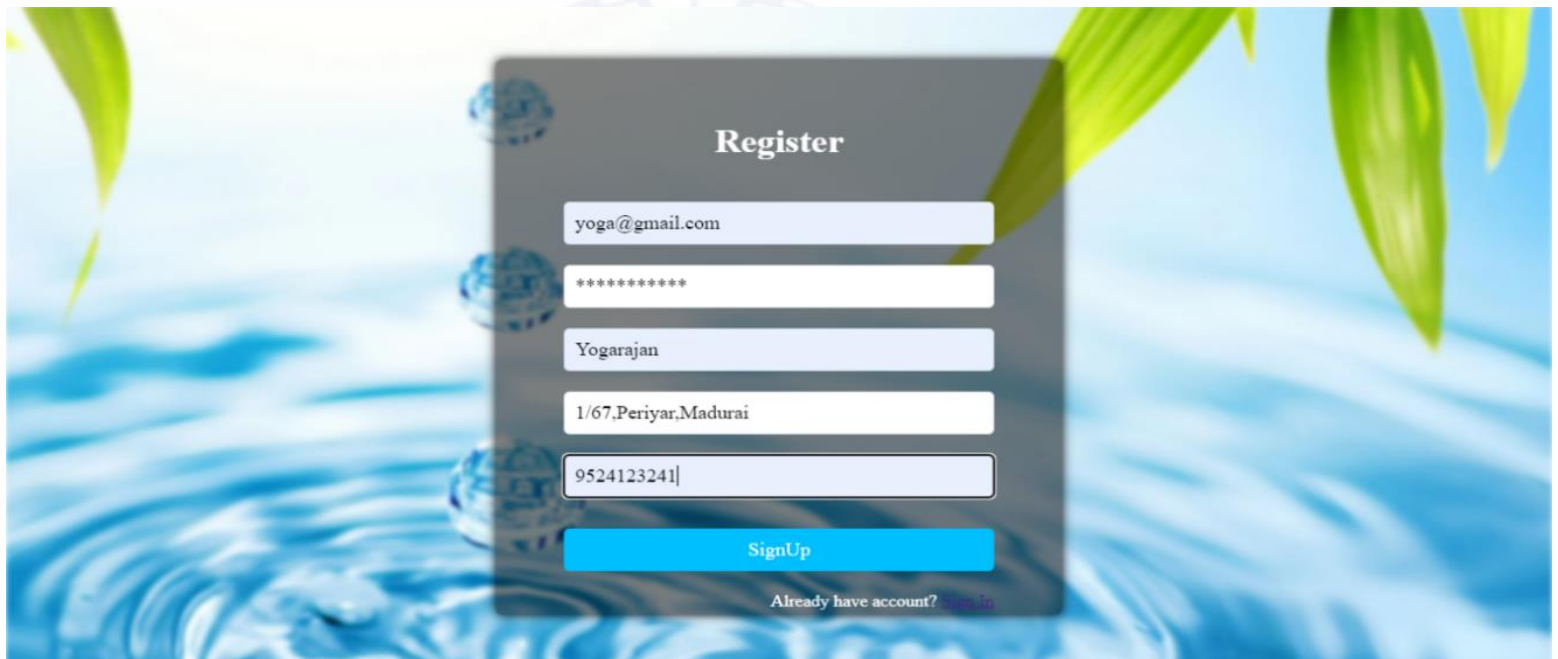
Orders

Contact

About Us



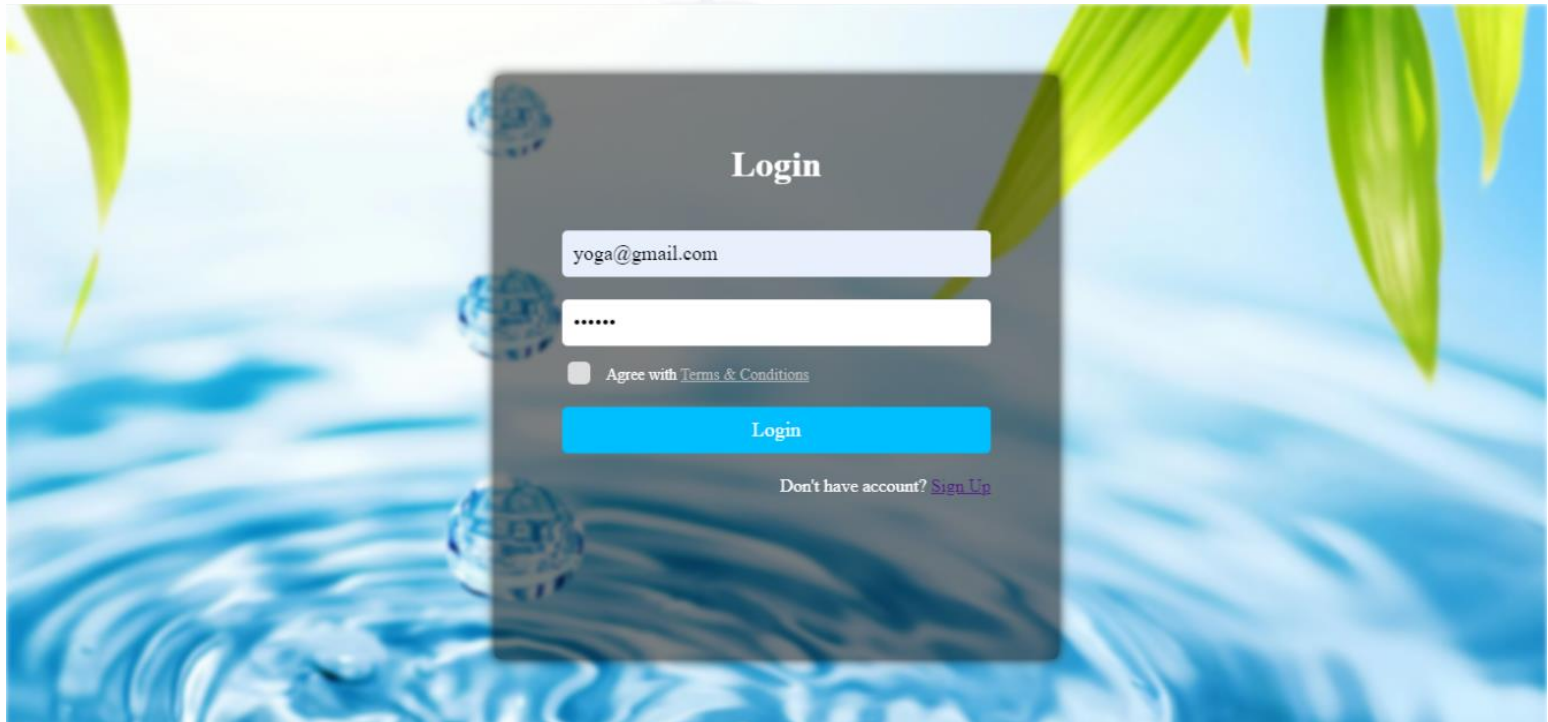
REGISTRATION PAGE



The registration form is a dark gray rectangular overlay centered on a background of rippling blue water with green leaves hanging from the top. The form contains the following elements:

- Register**: A title in white serif font at the top center of the form.
- Inputs**: Five white input fields with light blue borders, each preceded by a small blue circular icon. The fields contain:
 - yoga@gmail.com
 - *****
 - Yogarajan
 - 1/67,Periyar,Madurai
 - 9524123241|
- SignUp**: A solid blue button with white text at the bottom center of the form.
- Link**: A link at the bottom right that reads "Already have account? [sign in](#)".

LOGIN PAGE

A login form overlay on a background image of water ripples and green leaves. The form is dark gray with white text and a blue button. It contains a title, two input fields, a checkbox, and two links.

Login

☐ Agree with [Terms & Conditions](#)

Login

Don't have account? [Sign Up](#)

PRODUCT PAGE



1L

Case of 12 bottles

₹ 240.0000 / Per Case

[Details](#)



20L

Case of 1 bottles

₹ 10.0000 / Per Case

[Details](#)

REPORT PAGE



Your user ID is: admin@gmail.com

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Report

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Navigation

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Contact

Email: magicminerals@gmail.com

Phone: +91 9524123241

Follow Us



localhost:5268/Report/ViewAllByLastSix

LAST SIX MONTH ORDER PAGE

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Last Six Month Records

[Back to Report](#)

Product ID	Product Capacity	Quantity	Price	Customer Name	Address	Status	Date of Order
1	500ML	1	120.00	Yogaraj	67,Kovilpatti	Out for Delivery	4/10/2024 7:48:10 PM
1	500ML	5	600.00	Yogaraj	67,Kovilpatti	Ordered	4/11/2024 9:30:04 AM
1	500ML	4	480.00	Gayathri	67,New road ,Madurai	Ordered	4/11/2024 9:38:56 AM
2	1L	2	480.00	Gayathri	67,New road ,Madurai	Ordered	4/11/2024 9:39:13 AM
2	1L	2	480.00	Yogaraj	67,Kovilpatti	Ordered	4/11/2024 11:32:04 AM

Total Orders Amount

2160.00

[Print PDF](#)

THANK YOU!



Estd : 1984