

A dark blue vertical bar runs down the left side of the page. A blue arrow-shaped banner points to the right from this bar, containing the date. Below the banner, several thin, curved lines in dark blue and light grey sweep upwards from the bottom left corner.

9/29/2021

# Martha Restaurant

Web-based application

Ms. Kely Weerasooriya

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# 1. Introduction

“Martha restaurant” is a famous restaurant of a variety of food. There has a menu list such as,

- Main dishes
- Side dishes
- Desserts

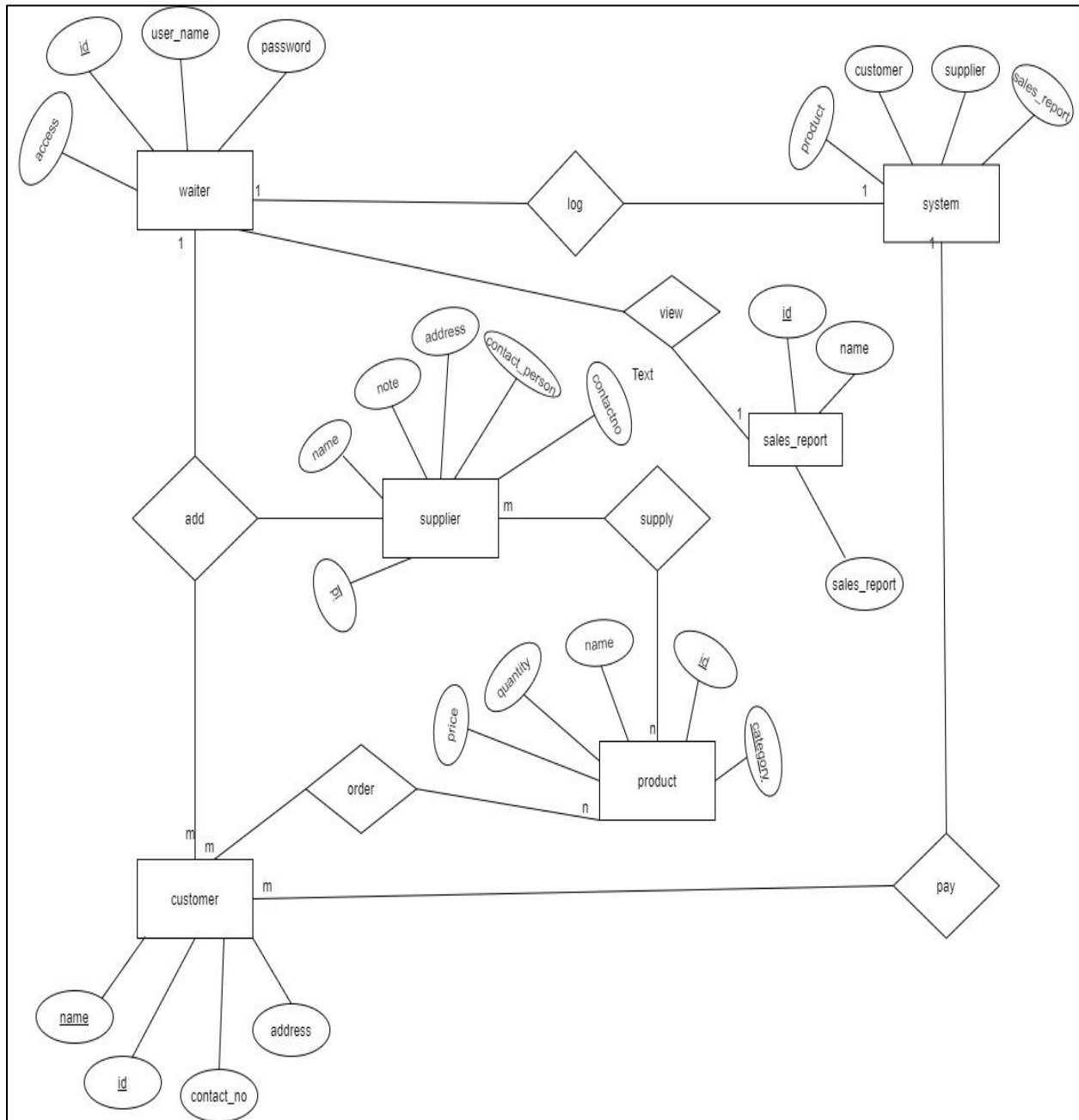
I have developed web-based application for ordering their foods easily and manage easily. There have two main role customer and supplier. If some of supplier need to sell food that restaurant there have details store feature also. And sales report features also providing daily sales revenue and most famous dishes and other summary details can find from those reports.

## 2. Project Outcomes

There have target result of each chance.

- Login feature given to chance login to the system
- After whom logged the system (user) can add customer details and after select the order and fill the transaction form. (Add and delete options)
- Also, this system has possibility to add supplier details as if somebody need to supply food for that restaurant. There have add, delete, edit options.
- In the products page there display foods and categories what store have. So, waiter can select any food what customer needed.
- After customer pay money, he can return balance.
- In the sales report page, can have possibility to see the daily sales revenue and most famous dishes or what is most sold product info can get those reports.

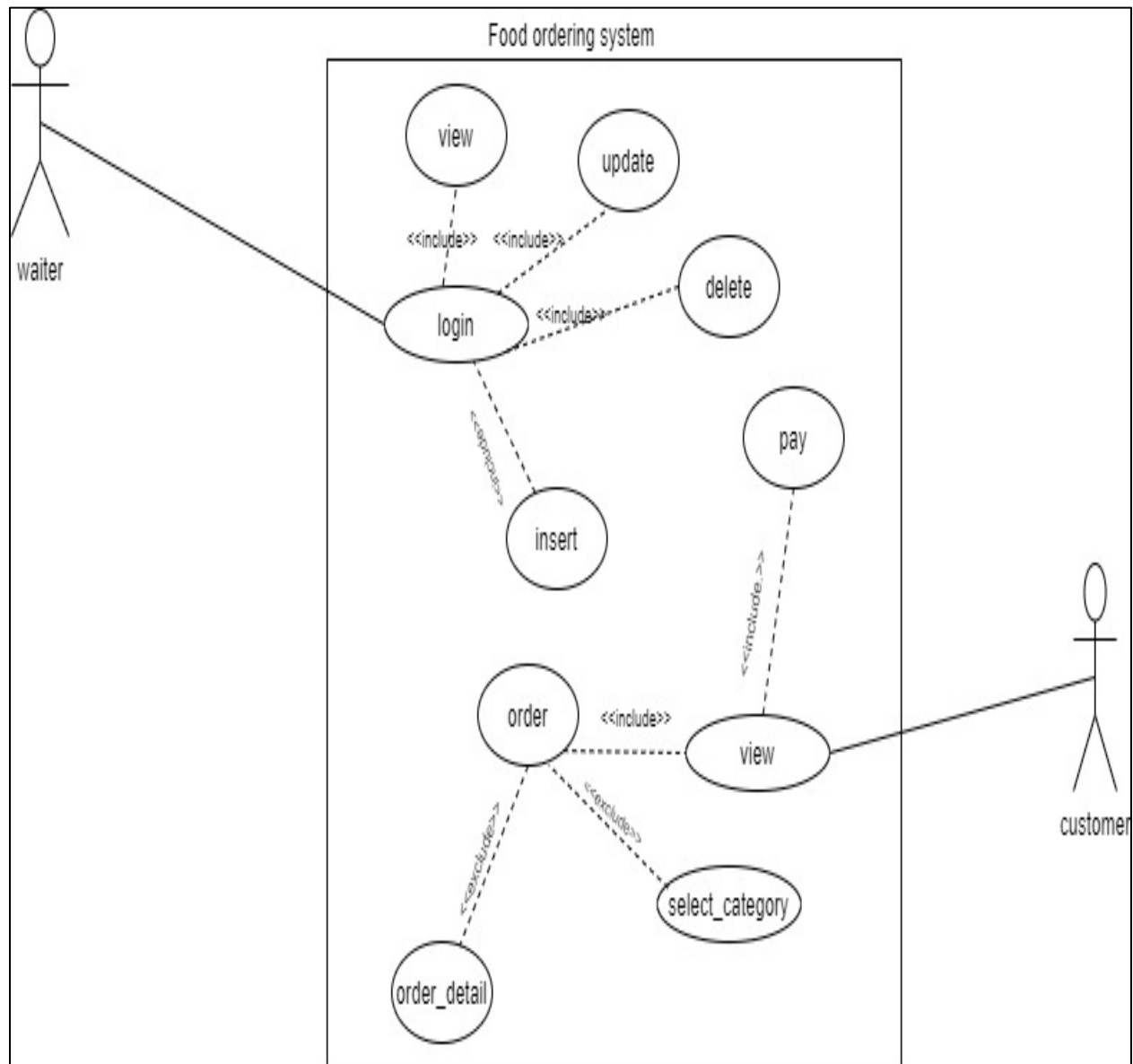
### 3. ER Diagram



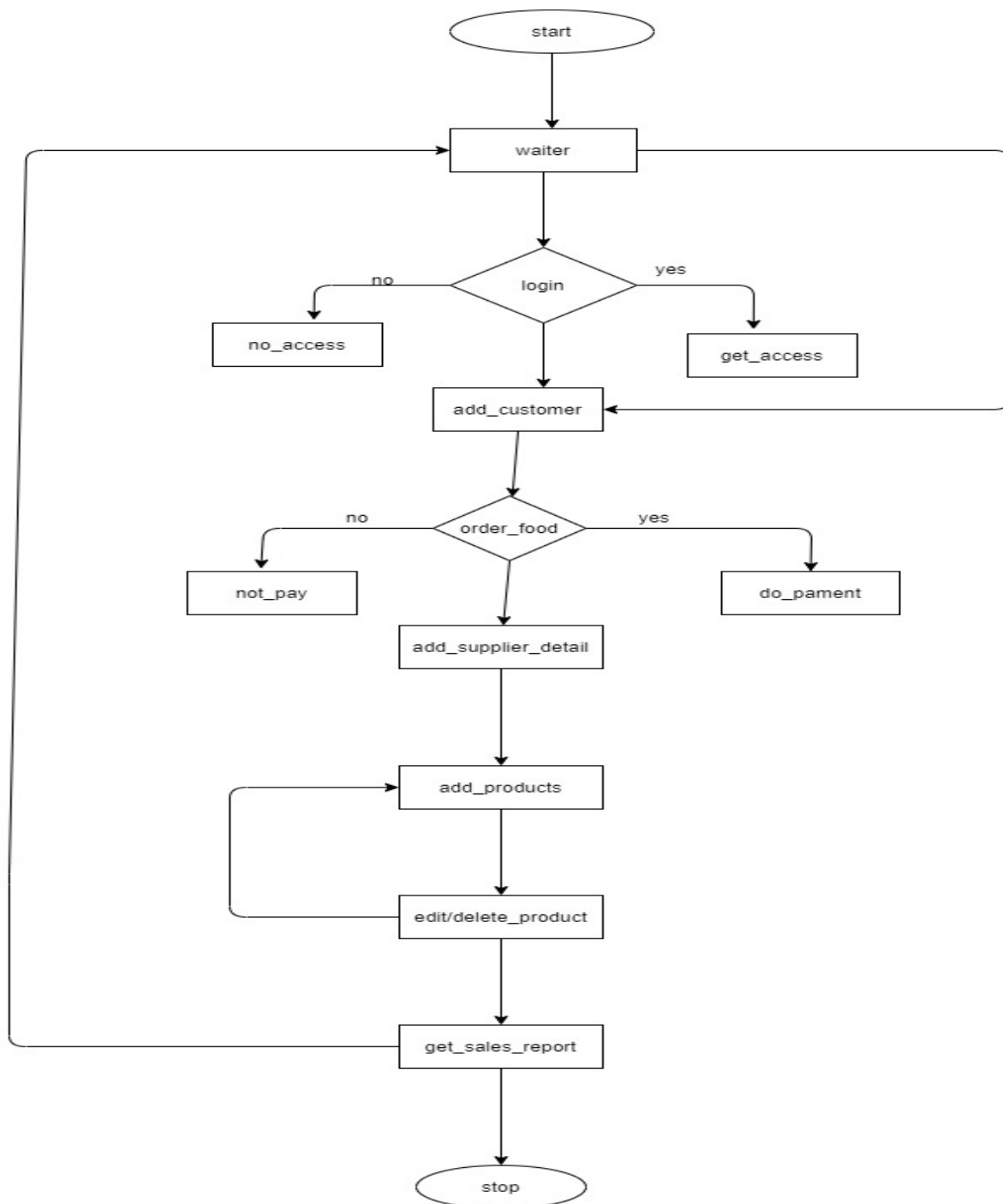
Assumptions:

- I assumed there will be suppliers for provide/supply foods.
- I assumed customer information need to store/keep separately.
- There will be need products information store separately.
- I assumed additionally, admin will be need if need manage or maintain works.

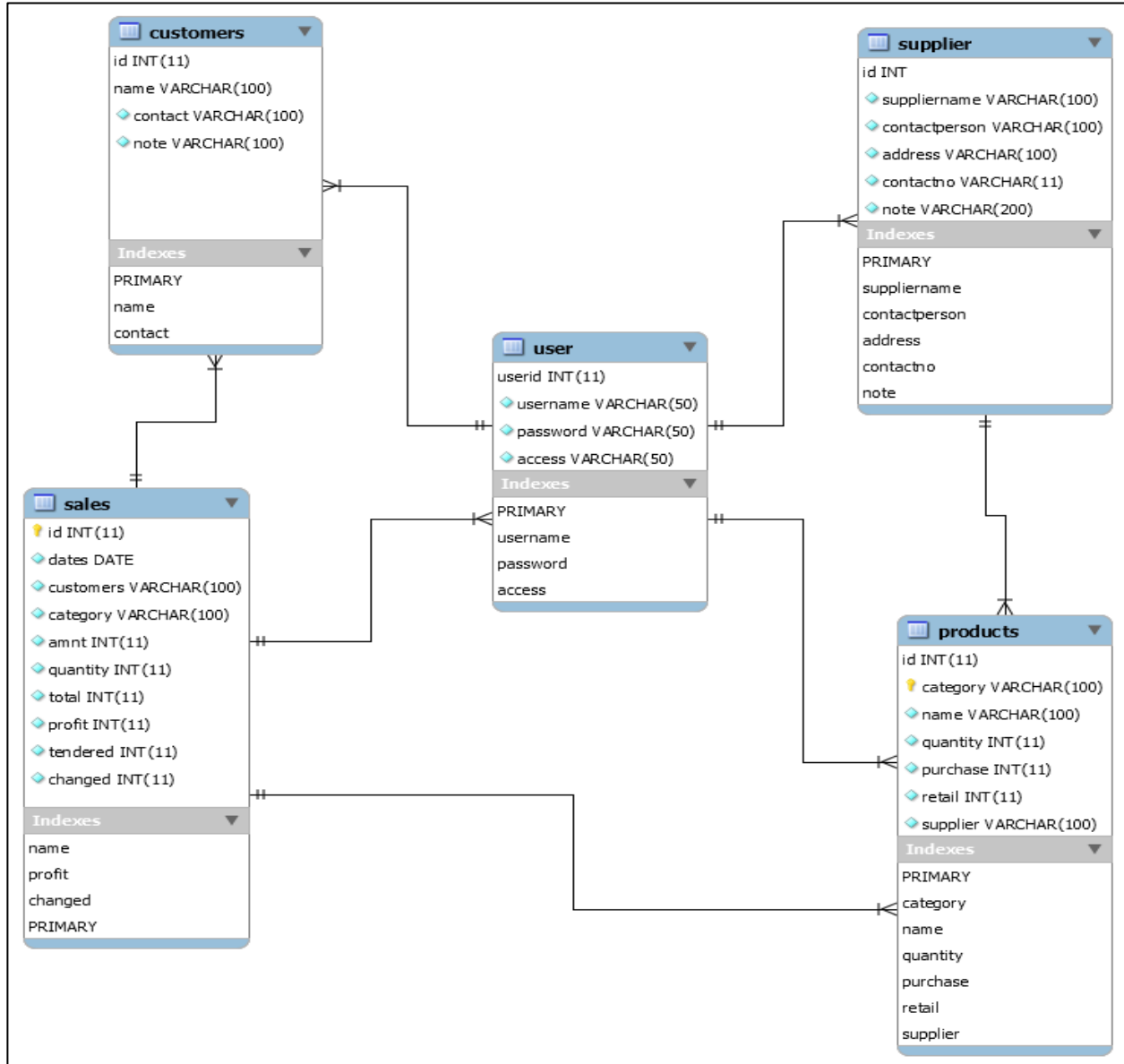
## 4. Use Case Diagram



## 5. Flow chart



## 6. EER Diagram

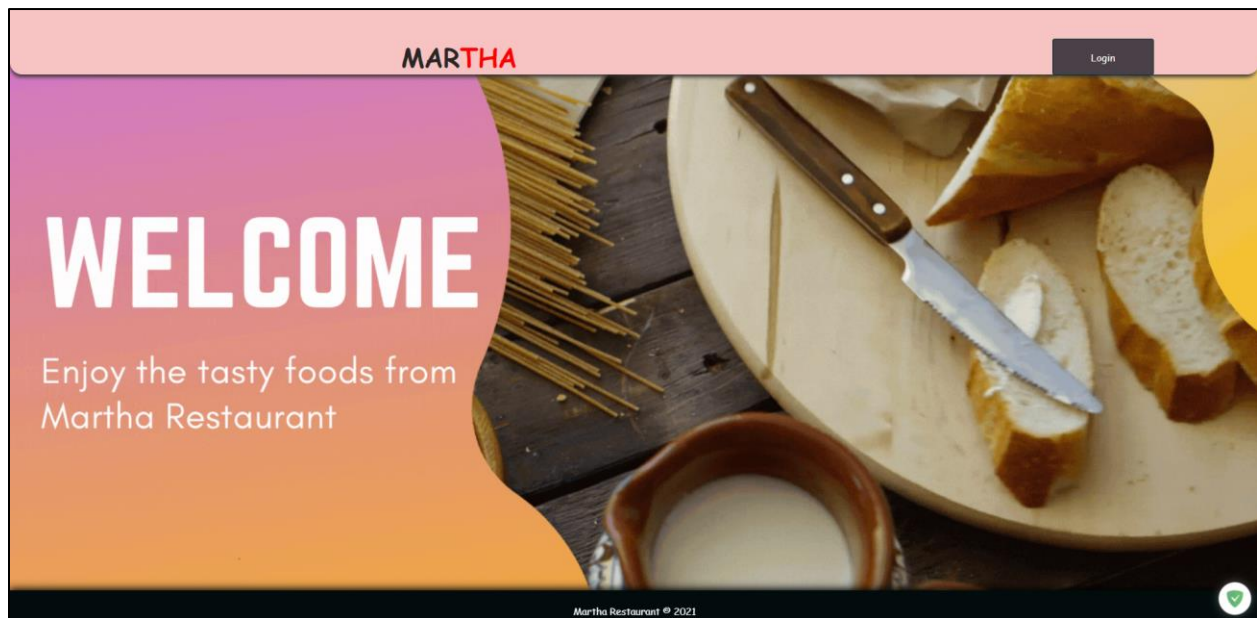


Assumptions:

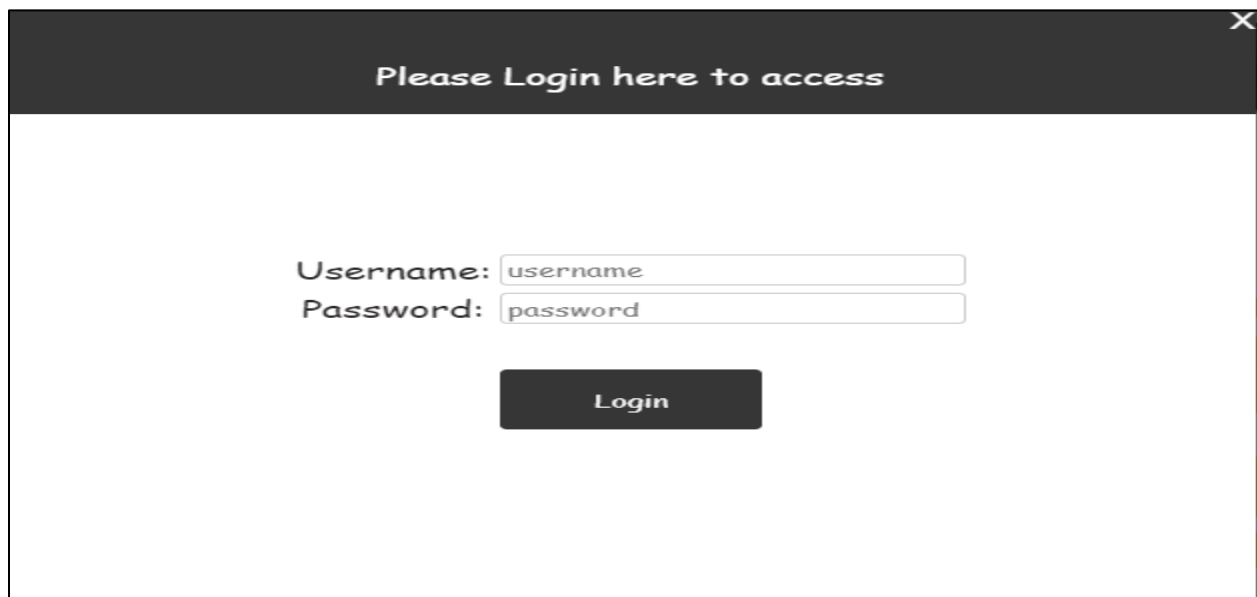
- I assumed there will be suppliers for provide/supply foods.
- I assumed customer information need to store/keep separately.
- There will be need products information store separately.
- I assumed additionally, admin will be need if need manage or maintain works.

## 7. Screenshots

### Home Page

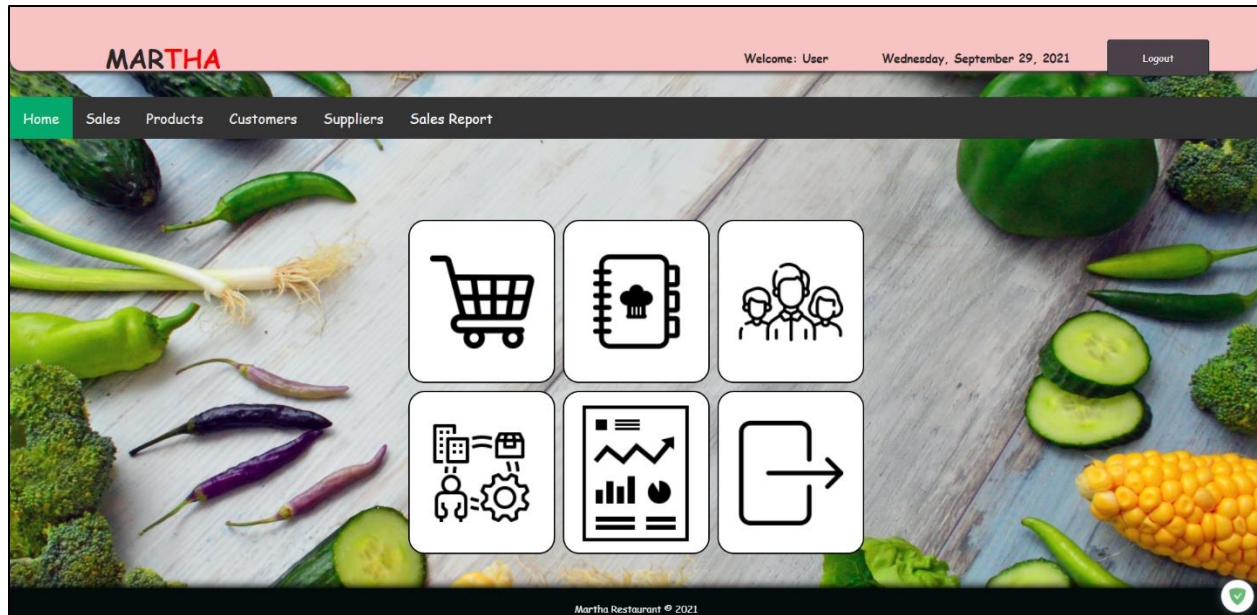


### Login Page

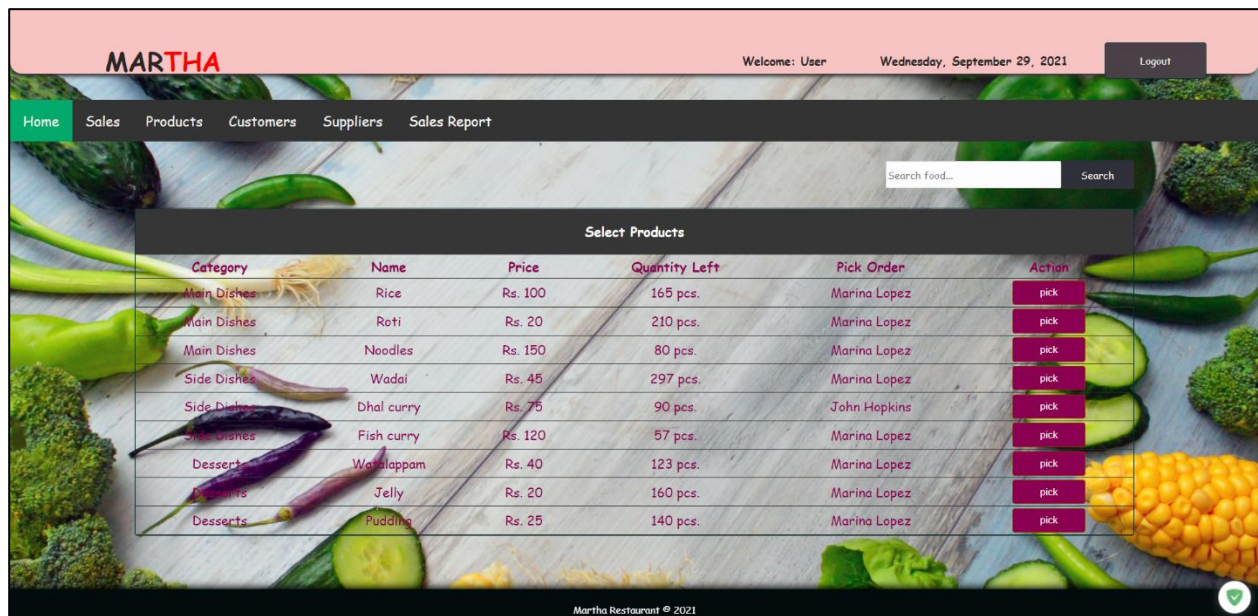
The screenshot shows the login page of the Martha Restaurant website. At the top, there is a dark grey header bar with the text "Please Login here to access" in white. Below the header is a large white area. In the center of this area, there are two input fields. The first field is labeled "Username:" and contains the text "username". The second field is labeled "Password:" and contains the text "password". Below the input fields is a dark grey button with the text "Login" in white. In the top right corner of the white area, there is a small white "X" icon.



## Dashboard/Home Page



## Sales Page / Menu



## Food Order Form Page

**Transaction Form**

Date :  
Customer Name:  
Category:  
Product Name:

Retail Price:  
Quantity:  
Total Payable Amount:  
Profit:  
Cash / Card:  
Balance:

Compute  
Calculate

AddCancel

## Search Sales / Menu Items Search Page

MARTHA

Welcome: User

Wednesday, September 29, 2021

Logout

HomeSalesProductsCustomersSuppliersSales Report

Select Products

Category	Name	Price	Quantity Left	Supplier	Pick Order
Main Dishes	Rice	Rs. 100	165 pcs.	Marina Lopez	<input type="button" value="pick"/>
Main Dishes	Roti	Rs. 20	210 pcs.	Marina Lopez	<input type="button" value="pick"/>
Main Dishes	Noodles	Rs. 150	80 pcs.	Marina Lopez	<input type="button" value="pick"/>

Martha Restaurant © 2021



## Products Information Page

MARTHA

Welcome: User

Wednesday, September 29, 2021

Logout

Home

Sales

Products

Customers

Suppliers

Sales Report

Search product...

Search

+ Add Products

Products Information

Category	Name	Quantity Left	Purchase	Retail Price	Supplier	Action
Main Dishes	Rice	165 pcs.	Rs. 60	Rs. 100	Marina Lopez	<a href="#">Edit</a> <a href="#">Delete</a>
Main Dishes	Roti	210 pcs.	Rs. 10	Rs. 20	Marina Lopez	<a href="#">Edit</a> <a href="#">Delete</a>
Main Dishes	Noodles	80 pcs.	Rs. 75	Rs. 150	Marina Lopez	<a href="#">Edit</a> <a href="#">Delete</a>
Side Dishes	Wadai	297 pcs.	Rs. 20	Rs. 45	Marina Lopez	<a href="#">Edit</a> <a href="#">Delete</a>
Side Dishes	Dhal curry	90 pcs.	Rs. 45	Rs. 75	John Hopkins	<a href="#">Edit</a> <a href="#">Delete</a>
Side Dishes	Fish Curry	57 pcs.	Rs. 80	Rs. 120	Marina Lopez	<a href="#">Edit</a> <a href="#">Delete</a>
Desserts	Katalappam	123 pcs.	Rs. 25	Rs. 40	Marina Lopez	<a href="#">Edit</a> <a href="#">Delete</a>
Desserts	Jelly	160 pcs.	Rs. 12	Rs. 20	Marina Lopez	<a href="#">Edit</a> <a href="#">Delete</a>
Desserts	Pudding	140 pcs.	Rs. 18	Rs. 25	Marina Lopez	<a href="#">Edit</a> <a href="#">Delete</a>

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## Customer Details Page

MARTHA

Welcome: User

Wednesday, September 29, 2021

Logout

Home

Sales

Products

Customers

Suppliers

Sales Report

Search customers...

Search

+ Add Customer

Customer Information Table

Name	Contact	Address	Note	Action
Carl Moneda	09431215641	Valenzuela	na	<a href="#">Delete</a>
Ian Estabaya	09644164565	Quezon City	na	<a href="#">Delete</a>
Jun Magayanes	09641513561	Malaben	na	<a href="#">Delete</a>
nimal	0125478923	colombo	N/A	<a href="#">Delete</a>
P.V. Kamal	0774768202	Nittambuwa	N/A	<a href="#">Delete</a>
Rce	0712223369	Colombo	ABC	<a href="#">Delete</a>
Rafy	0775698521	Matara	N/A	<a href="#">Delete</a>

Martha Restaurant © 2021

## Customer Details Adding Form Page

Add Customer Form

Name:

Customer name

Conatct:

Contact

Address:

Address

Note:

Note

Submit

## Supplier Information Page

MARTHA

Welcome: User

Wednesday, September 29, 2021

Logout

Home

Sales

Products

Customers

Suppliers

Sales Report

Search supplier...

Search

+ Add Supplier

Supplier Information Table

Supplier Name	Contact Person	Address	Contact No.	Note	Action
Marina Lopez	Juliya Sanjuan	Galle	0774569875	N/A	<div>EditDelete</div>
Perera Fonseka	Nilusha Pranandu	Hikkaduwa	0712256983	N/A	<div>EditDelete</div>
Tharindu Kalpana	Jayantha	Colombo	0712369872	N/A	<div>EditDelete</div>
Teena Nishadhi	Shanika	Gampaha	0775698363	N/A	<div>EditDelete</div>
N.B. Kamel	N.T. Nuwan	Kandy	0785698323	food	<div>EditDelete</div>

Martha Restaurant © 2021



MARThA
Welcome User      Wednesday, September 29, 2021      [Logout](#)

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[Home](#) | 
 [Sales](#) | 
 [Products](#) | 
 [Customers](#) | 
 [Suppliers](#) | 
 [Sales Report](#)

Search

Summary of Sales						
Date	Cashiers	Category	Product Sold	Quantity Sold	Sales Price	Total
2021-09-20	Walk in Customers	Main Dishes	Rice	5	\$4.400	\$22.00
2021-09-20	Walk in Customers	Main Dishes	Rice	2	\$4.400	\$8.80
2021-09-20	Walk in Customers	Main Dishes	Rice	1	\$4.400	\$4.40
2021-09-20	Walk in Customers	Main Dishes	Rice	2	\$4.400	\$8.80
2021-09-20	Walk in Customers	Main Dishes	Rice	1	\$4.400	\$4.40
2021-09-20	Walk in Customers	Main Dish&Rice	Nooodles	2	\$4.400	\$8.80
2021-09-20	Walk in Customer-mend	Main Dishes	Noodles	2	\$4.400	\$8.80
2021-09-27		Side Dishes	Worce	1	\$4.400	\$4.40
2021-09-28	Walk in Customers	Side Dishes	Fish curry	1	\$4.400	\$4.40
2021-09-28	Walk in Customers	Desserts	Wanlappagon	3	\$4.400	\$13.20
2021-09-28	Walk in Customers	Desserts	Wanlappagon	3	\$4.400	\$13.20
2021-09-28	Walk in Customers	Desserts	Wanlappagon	3	\$4.400	\$13.20
2021-09-28	Walk in Customers	Main Dishes	Rice	5	\$4.500	\$22.50
2021-09-28	Walk in Customers	Main Dishes	Rice	5	\$4.500	\$22.50
2021-09-28	Walk in Customers	Main Dishes	Rice	5	\$4.500	\$22.50
2021-09-28	Walk in Customers	Desserts	Pudding	6	\$4.500	\$27.00
2021-09-28	Walk in Customers	Desserts	Pudding	6	\$4.500	\$27.00
2021-09-28	Walk in Customers	Side Dishes	Fish curry	2	\$4.500	\$9.00
2021-09-28	Walk in Customers	Side Dishes	Chai curry	2	\$4.500	\$9.00
<b>Total Ordered</b>					<b>Sales</b>	<b>Profit</b>
					<b>\$4,4790</b>	

MARTHA

Welcome: User

Wednesday, September 29, 2021

Logout

Home

Sales

Products

Customers

Suppliers

Sales Report

2021-09-28

Search

+ Add Products

Products

Category	Name	Date	Quantity Left
Side Dishes	Fish curry	2021-09-28	1 pcs.
Desserts	Watalappam	2021-09-28	3 pcs.
Desserts	Watalappam	2021-09-28	3 pcs.
Desserts	Watalappam	2021-09-28	3 pcs.
Desserts	Watalappam	2021-09-28	5 pcs.
Main Dishes	Rice	2021-09-28	5 pcs.
Main Dishes	Rice	2021-09-28	5 pcs.
Main Dishes	Rice	2021-09-28	5 pcs.
Desserts	Pudding	2021-09-28	6 pcs.
Desserts	Pudding	2021-09-28	6 pcs.
Side Dishes	Fish curry	2021-09-28	2 pcs.
Side Dishes	Dhal curry	2021-09-28	5 pcs.

Martha Restaurant © 2021

- **Most famous main dish**
- **Most famous side dish**
- **Which side dish is consumed most with which main dish**

## 8. Martha Restaurant – Database

### Customer

The screenshot shows the phpMyAdmin interface for the 'customers' table. The table structure is as follows:

id	name	contact	address	note
9	Carl Moneda	09431215641	Walana	na
10	Ian Estabaya	09644164565	Galle	na
11	Jun Magayanes	09641513561	Katunayake	na
13	nimal	0125478933	colombo	N/A
14	P.V Kamal	0774768202	Nittambuwa	N/A
15	kcc	0712223369	Colombo	ABC
16	Kely	077598521	Matara	N/A

### Products

The screenshot shows the phpMyAdmin interface for the 'products' table. The table structure is as follows:

id	category	name	quantity	purchase	retail	supplier
35	Main Dishes	Rice	165	50	100	Marina Lopez
36	Main Dishes	Roti	210	10	20	Marina Lopez
37	Main Dishes	Noodles	80	75	150	Marina Lopez
38	Side Dishes	Wadai	297	20	45	Marina Lopez
39	Side Dishes	Dhal curry	90	45	75	John Hopkins
40	Side Dishes	Fish curry	57	80	120	Marina Lopez
41	Desserts	Watalappam	123	25	40	Marina Lopez
42	Desserts	Jelly	160	12	20	Marina Lopez
43	Desserts	Pudding	140	18	25	Marina Lopez

## Sales

The screenshot shows the phpMyAdmin interface with the 'sales' table selected. The table structure and data are as follows:

	id	dates	customers	category	name	amnt	quantity	total	profit	tendered	changed	
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	54	2021-09-26	Walk in Customers	Main Dishes	Rice	Noodles	150	2	300	150	0	700
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	55	2021-09-26	Walk in Customer	Main Dishes	Noodles		150	2	300	150	0	200
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	50	2021-09-26	Walk in Customers	Main Dishes	Rice		100	2	200	0	0	-200
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	51	2021-09-26	Walk in Customers	Main Dishes	Rice		100	1	100	50	500	400
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	52	2021-09-26	Walk in Customers	Main Dishes	Rice		100	2	200	100	500	300
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	53	2021-09-26	Walk in Customers	Main Dishes	Rice		100	1	100	50	500	400
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	49	2021-09-25	Walk in Customers	Main Dishes	Rice		90	5	450	-50	0	-450
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	56	2021-09-27	nimal	Side Dishes	Wadai		45	1	45	25	0	55
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	59	2021-09-28	Walk in Customers	Desserts	Watalappam		40	3	120	45	0	80
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	61	2021-09-28	Walk in Customers	Desserts	Watalappam		40	5	200	75	500	300

**Supplier**

New

db

New

customers

products

sales

supplier

users

hair\_salon\_management\_system

information\_schema

jsp\_project

myblog

myblogger

mysql

performance\_schema

sales

shoppingcart

test

vidiwebshop

SELECT \* FROM "supplier"

Profiling

Edit inline

Edit

Explain SQL

Create PHP code

Refresh

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Options

	id	supplername	contactperson	address	contactno	note
<input type="checkbox"/>		13	Marina Lopez	Julia Sanjuan	Galle	0774569875 N/A
<input type="checkbox"/>		17	Perera Fonseka	Nilusha Prnanadu	Hikkaduwa	0712256983 N/A
<input type="checkbox"/>		18	Tharindu Kalpana	Jayantha	Colombo	0712369872 N/A
<input type="checkbox"/>		19	Teena Nishadhi	Shanika	Gampaha	0775698363 N/A
<input type="checkbox"/>		20	N.B. Kamal	N.T. Nuwan	Kandy	0785698323 food

Check all

With selected:

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Query results operations

Print

Copy to clipboard

Export

Display chart

Create view

## User

The screenshot shows the phpMyAdmin interface with the 'users' table selected. The table structure is displayed with columns: `userid`, `username`, `password`, and `access`. The data is as follows:

userid	username	password	access
1	waiter	waiter	User
2	admin	admin123	Admin

The interface also shows the 'Query results operations' section with options for Print, Copy to clipboard, Export, Display chart, and Create view.

## Martha Database – Tables

The screenshot shows the phpMyAdmin interface with the 'Tables' view selected for the 'db' database. The table list is as follows:

Table	Action	Rows	Type	Collation	Size	Overhead
customers	Browse Structure Search Insert Empty Drop	7	InnoDB	latin1_swedish_ci	16.0 KIB	-
products	Browse Structure Search Insert Empty Drop	9	InnoDB	latin1_swedish_ci	16.0 KIB	-
sales	Browse Structure Search Insert Empty Drop	22	InnoDB	latin1_swedish_ci	16.0 KIB	-
supplier	Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	16.0 KIB	-
users	Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16.0 KIB	-
5 tables	Sum	45	InnoDB	utf8mb4_general_ci	80.0 KIB	0 B

The interface also shows the 'Create table' section with fields for Name and Number of columns (4).



# THANK YOU

