



ESTD: 2001

An Institute with a Difference

PASTRY PAL BAKERY MANAGEMENT SYSTEM



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ABSTRACT

Pastry Pal is a revolutionary online platform designed to redefine the culinary experience for pastry enthusiasts.

One of PastryPal's key strengths lies in its commitment to inclusivity and accessibility.

It is more than just a website—it's a gateway to a world of culinary delights, where passion meets innovation to create unforgettable experiences.



INTRODUCTION

In today's digital era, the demand for convenient and accessible ways to explore and indulge in culinary delights is ever-growing.

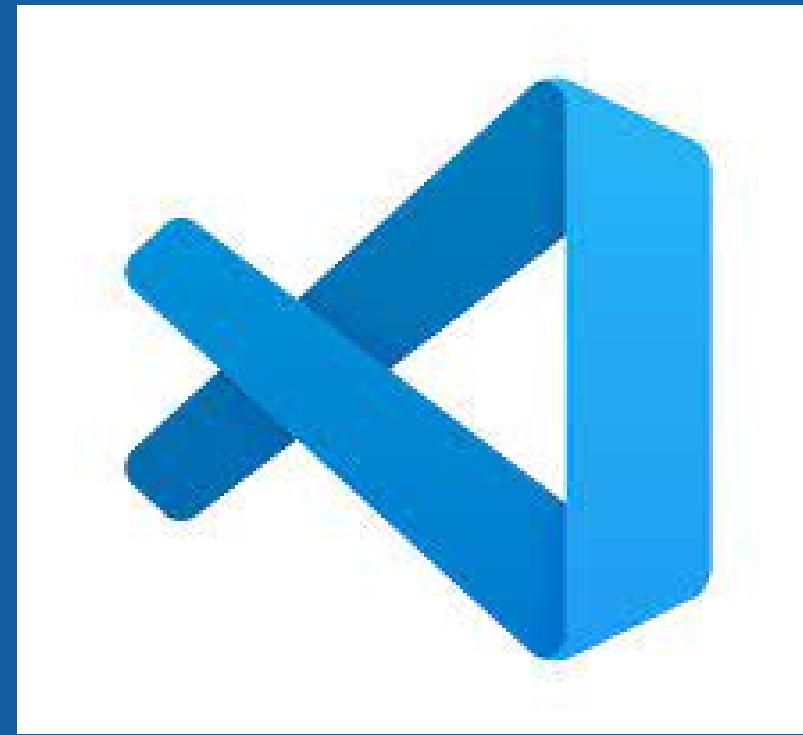
Pastry Pal offers a comprehensive solution by providing users with a centralized platform to discover, order, and enjoy a wide range of pastries from various bakeries.

Through our website, users can effortlessly browse through an extensive selection of pastries, ranging from classic favorites to innovative creations.

With intuitive search functionalities and categorization options, finding the perfect treat has never been easier.



SYSTEM REQUIREMENTS



HARDWARE REQUIREMENTS:

- Processor: i5 processor
- Processor Speed: 1.2 GHz
- RAM: 1GB
- Storage Space: 40 GB

SOFTWARE REQUIREMENTS:

- Technologies Used: HTML, CSS, PHP, Bootstrap
- XAMPPServer: MySQL, PhpMyAdmin
- IDE Used: Visual Studio Code
- Browser: Any browser that supports HTML



SYSTEM REQUIREMENTS

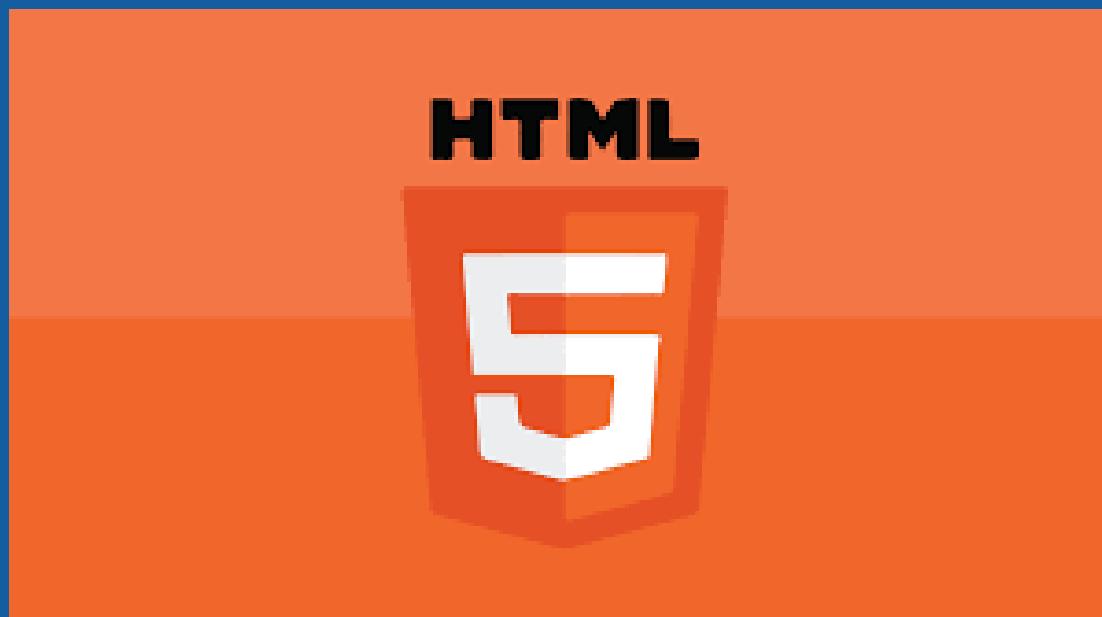


FUNCTIONAL REQUIREMENTS:

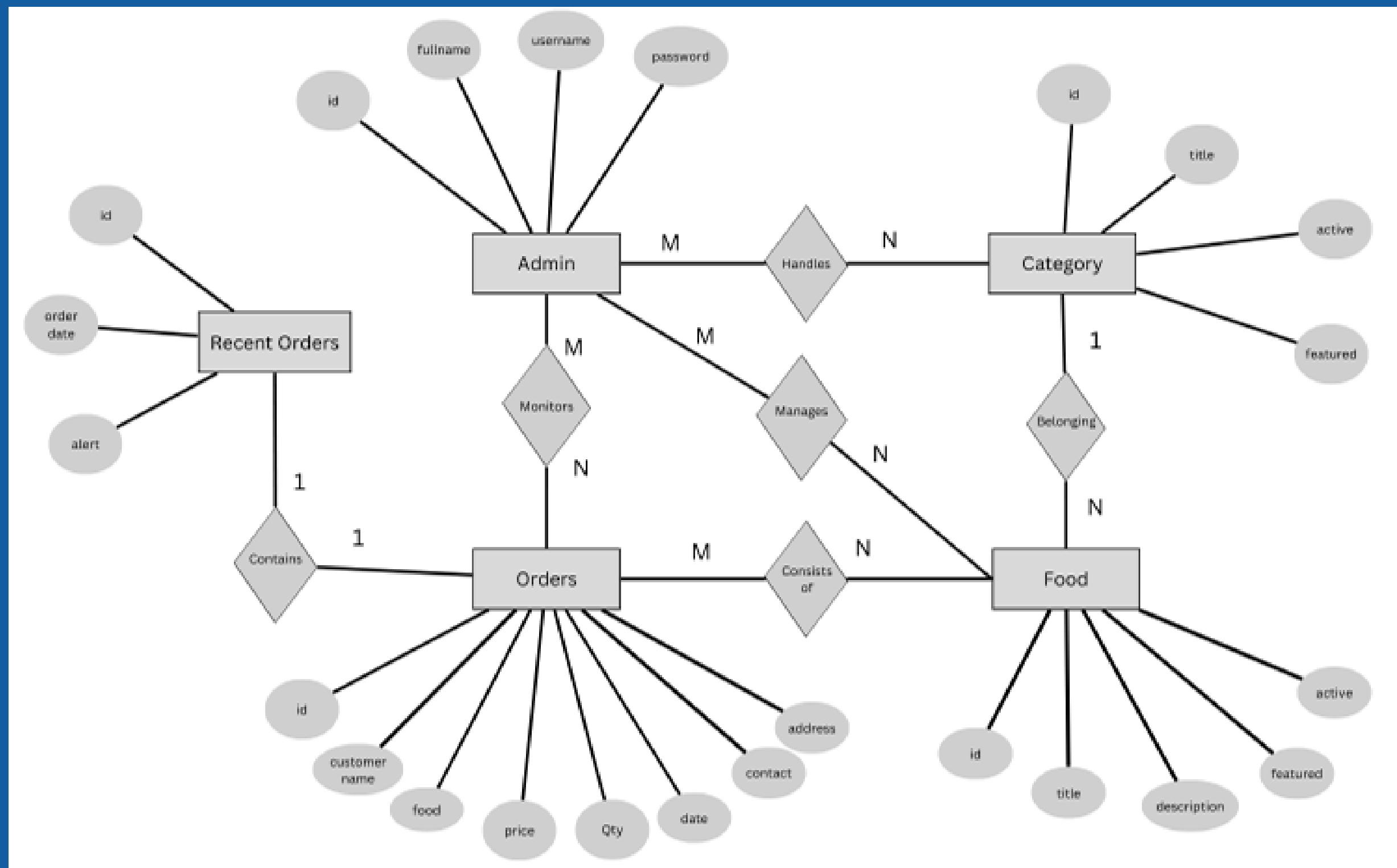
- HTML
- CSS
- MySQL
- XAMPP Server

NON-FUNCTIONAL REQUIREMENTS:

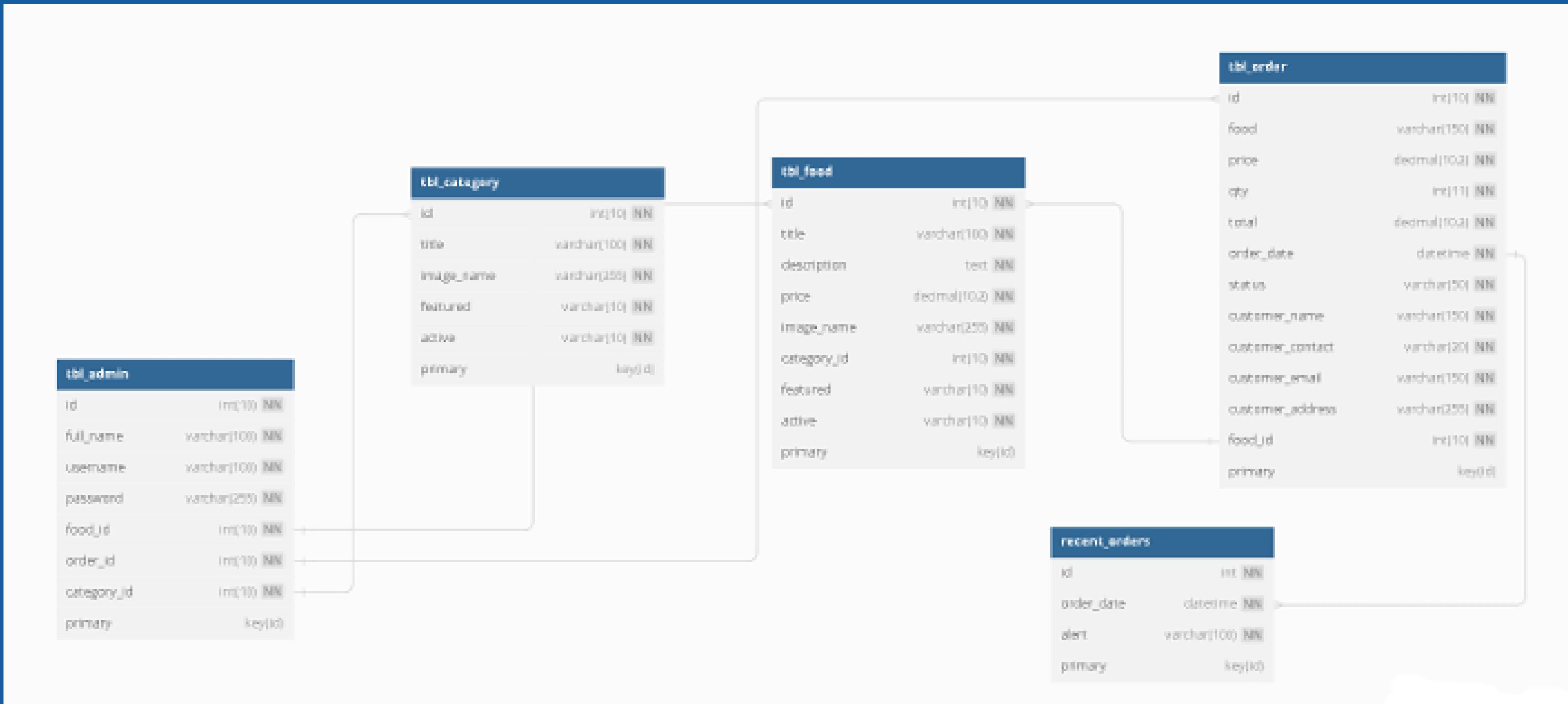
- Performance
- Reliability
- Security
- Scalability
- Usability



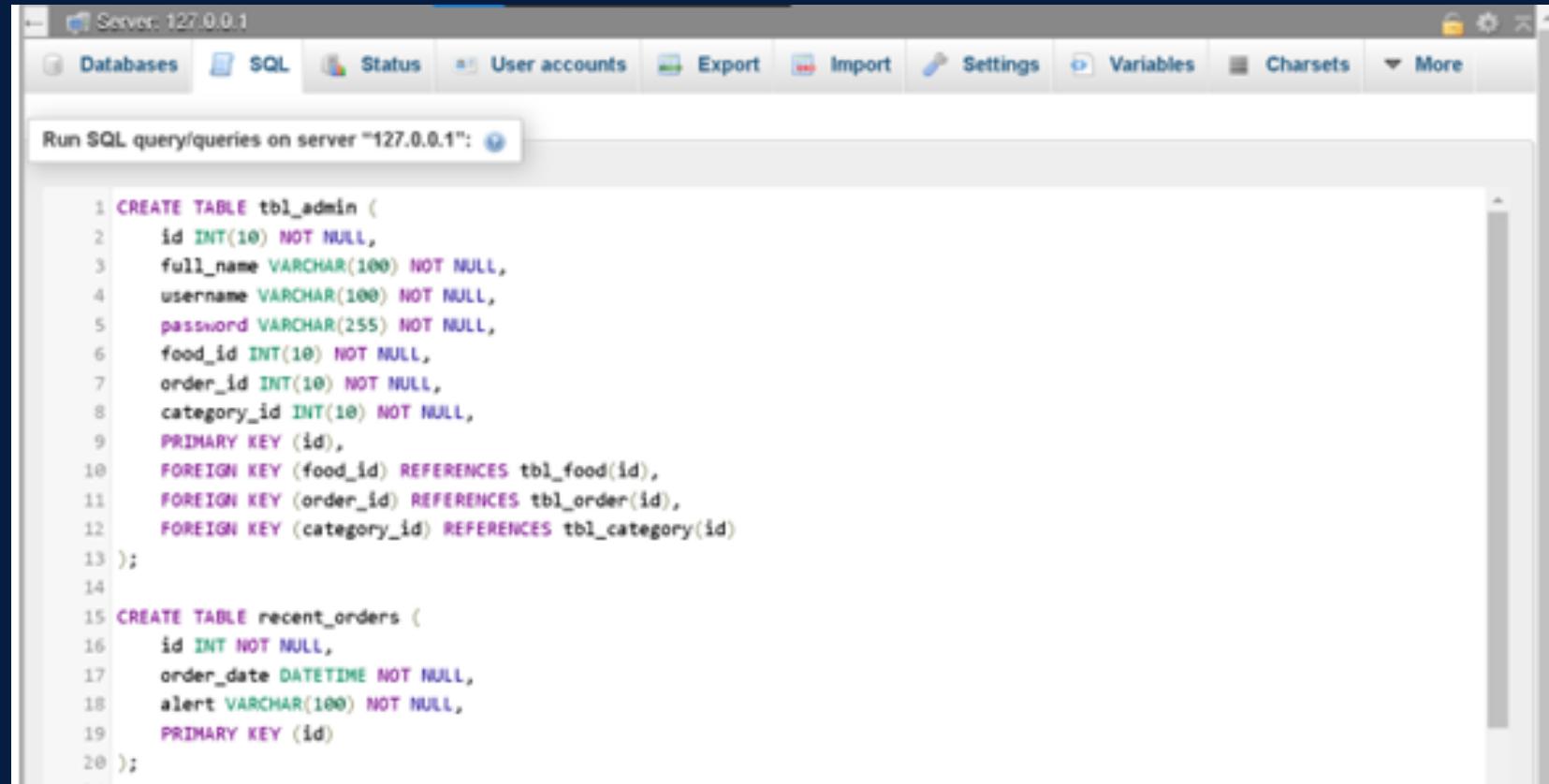
ER DIAGRAM



SCHEMA DIAGRAM



CREATION OF TABLES



Server: 127.0.0.1

Databases SQL Status User accounts Export Import Settings VariablesCharsets More

Run SQL query/queries on server "127.0.0.1":

```
1 CREATE TABLE tbl_admin (
2     id INT(10) NOT NULL,
3     full_name VARCHAR(100) NOT NULL,
4     username VARCHAR(100) NOT NULL,
5     password VARCHAR(255) NOT NULL,
6     food_id INT(10) NOT NULL,
7     order_id INT(10) NOT NULL,
8     category_id INT(10) NOT NULL,
9     PRIMARY KEY (id),
10    FOREIGN KEY (food_id) REFERENCES tbl_food(id),
11    FOREIGN KEY (order_id) REFERENCES tbl_order(id),
12    FOREIGN KEY (category_id) REFERENCES tbl_category(id)
13 );
14
15 CREATE TABLE recent_orders (
16     id INT NOT NULL,
17     order_date DATETIME NOT NULL,
18     alert VARCHAR(100) NOT NULL,
19     PRIMARY KEY (id)
20 );
```

TABLE NAMES :

TBLADMIN

TBLCATEGORY

TBLORDER

TBLFOOD

RECENTORDERS



Server: 127.0.0.1

Databases SQL Status User accounts Export Import Settings VariablesCharsets More

Run SQL query/queries on server "127.0.0.1":

```
1 CREATE TABLE tbl_order (
2     id INT(10) NOT NULL,
3     food VARCHAR(150) NOT NULL,
4     price DECIMAL(10,2) NOT NULL,
5     qty INT(11) NOT NULL,
6     total DECIMAL(10,2) NOT NULL,
7     order_date DATETIME NOT NULL,
8     status VARCHAR(50) NOT NULL,
9     customer_name VARCHAR(150) NOT NULL,
10    customer_contact VARCHAR(20) NOT NULL,
11    customer_email VARCHAR(150) NOT NULL,
12    customer_address VARCHAR(255) NOT NULL,
13    food_id INT(10) NOT NULL,
14    PRIMARY KEY (id),
15    FOREIGN KEY (food_id) REFERENCES tbl_food(id)
16 );
17
```

Clear Format Get auto-saved query

Console

INSERTION OF VALUES

```
//Getting data from form
$full_name = $_POST['full_name'];
$username = $_POST['username'];
$password = md5($_POST['password']); //Encrypting password

//SQL Query to Save data into database
$sql = "INSERT INTO tbl_admin SET
    full_name = '$full_name',
    username = '$username',
    password = '$password'
";
$res = mysqli_query($conn, $sql) or die(mysqli_error());
```

```
//SQL Query to Save data into database
$sql = "INSERT INTO tbl_category SET
    title = '$title',
    image_name = '$image_name',
    featured = '$featured',
    active = '$active'
";
//execute query and save in database
$res = mysqli_query($conn, $sql) or die(mysqli_error());
```

A BAKERY MANAGEMENT SYSTEM EFFICIENTLY ORGANIZES ORDERS, INVENTORY, SALES AND CUSTOMER INTERACTIONS.

QUERIES & FRONTEND

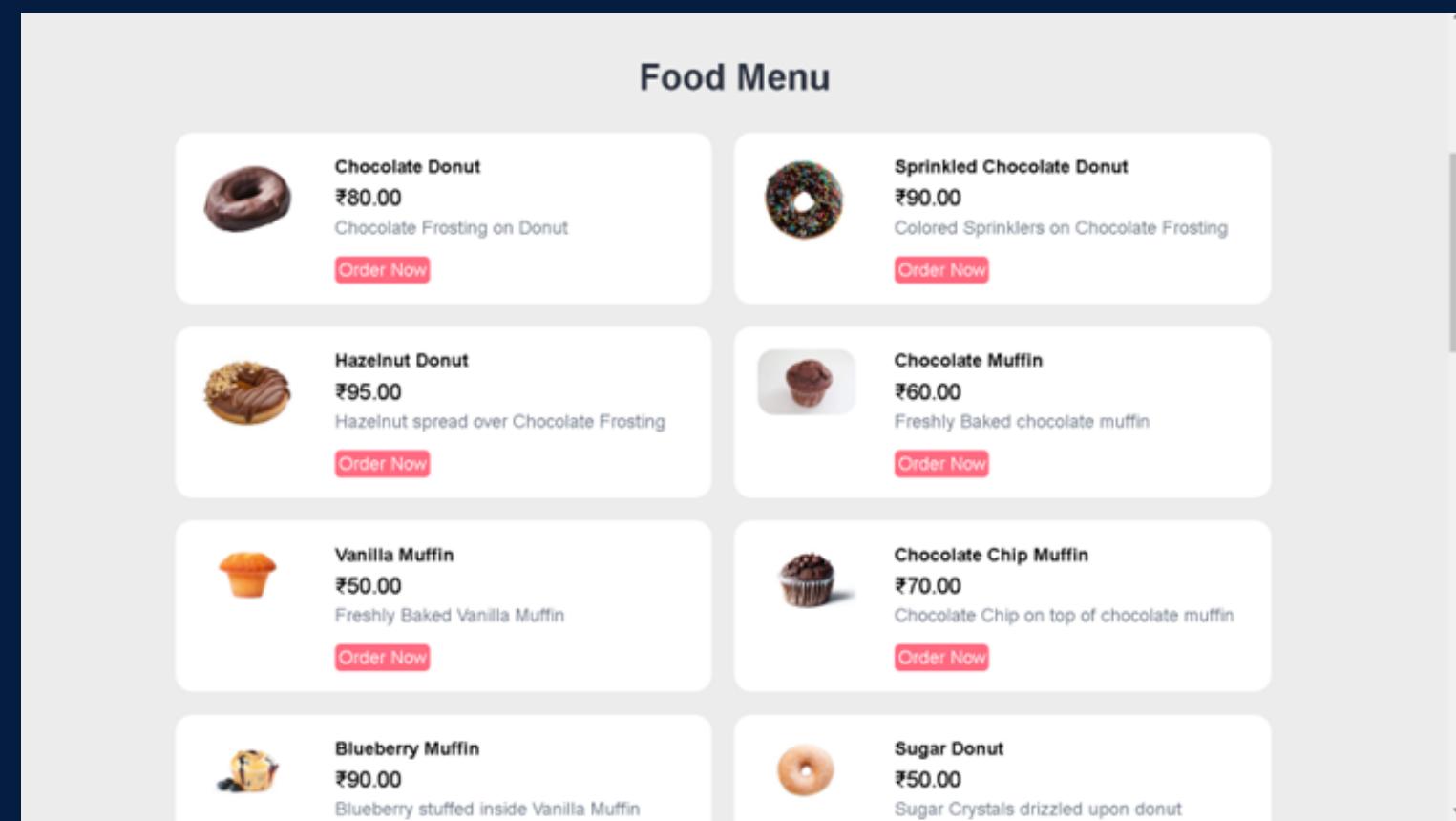
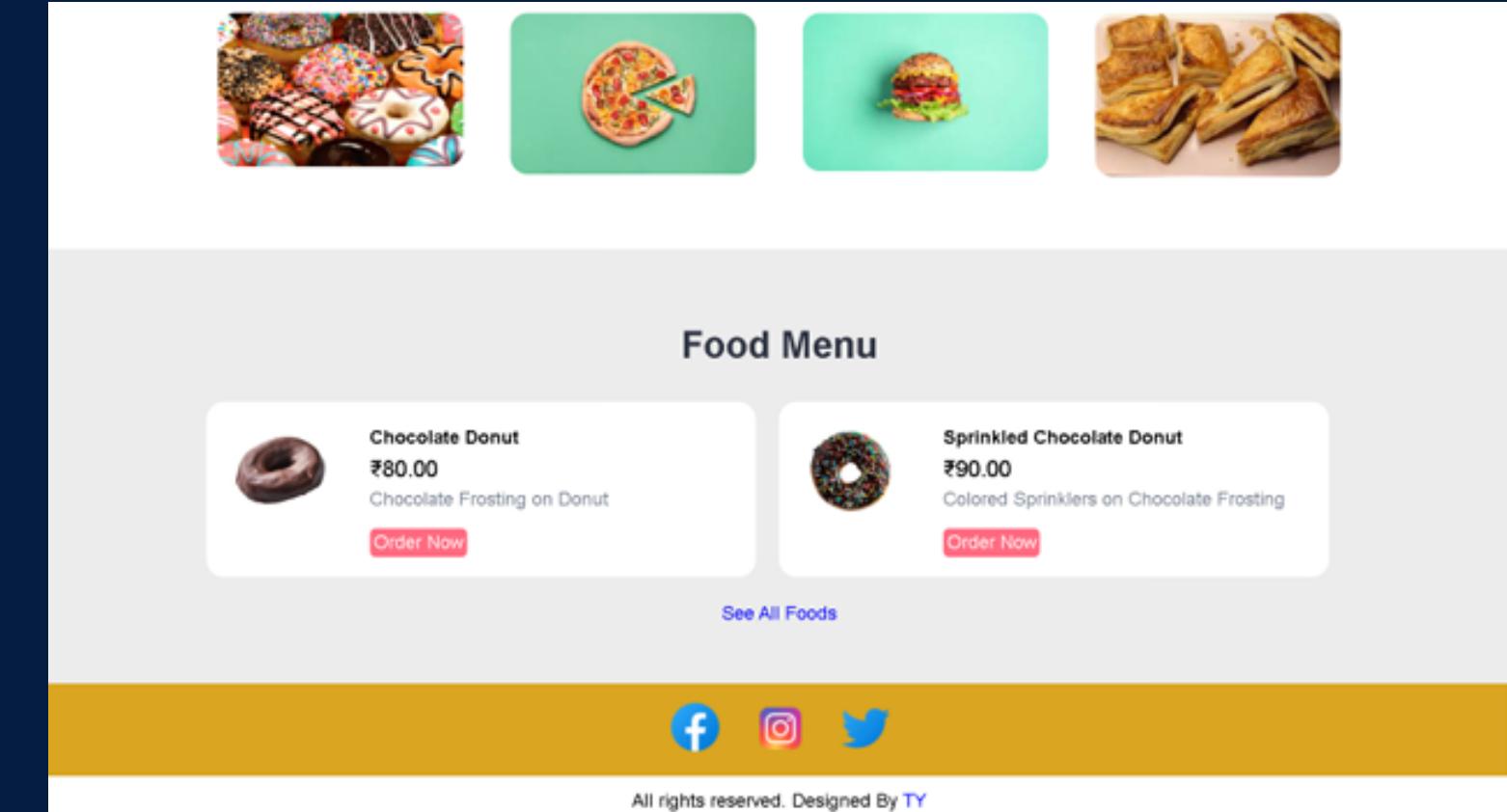
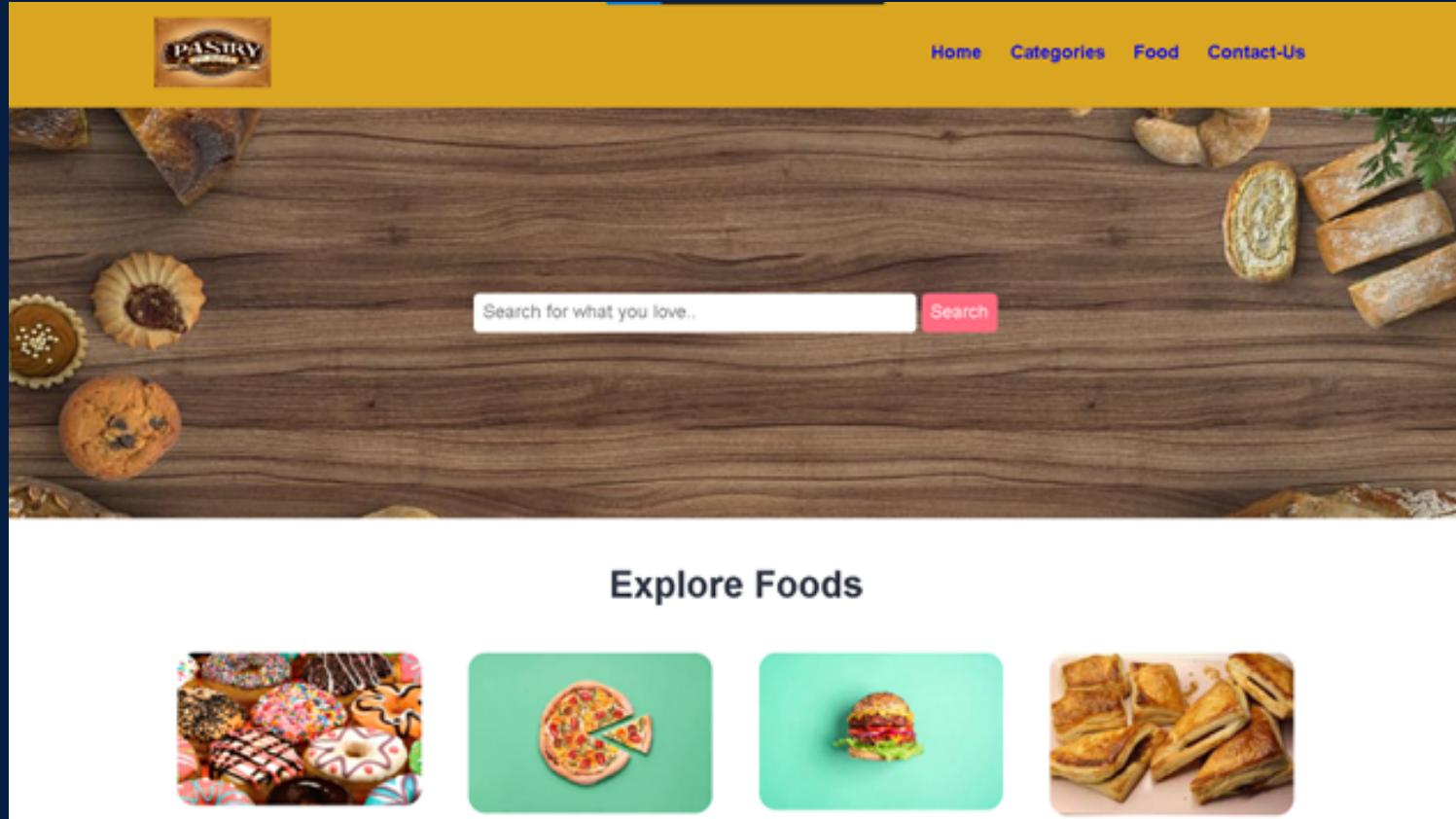
```
<?php
// Create SQL query to fetch food items from the database
$food_sql = "SELECT * FROM tbl_food WHERE featured='Yes' LIMIT 2";

// Execute the query
$food_res = mysqli_query($conn, $food_sql);
if(mysqli_num_rows($food_res) > 0) {
    // Food items available
    while ($food_row = mysqli_fetch_assoc($food_res)) {
        // Get values like title, price, description, and image
        $food_id= $food_row['id'];
        $food_title = $food_row['title'];
        $food_price = $food_row['price'];
        $food_description = $food_row['description'];
        $food_image = $food_row['image_name'];
    }
}
?>
```

```
<?php
// Create SQL query to fetch only active food items
$food_sql = "SELECT * FROM tbl_food
            WHERE active = 'yes'";
// Execute the query
$food_res = mysqli_query($conn, $food_sql);
if(mysqli_num_rows($food_res) > 0) {
    // Food items available
    while ($food_row = mysqli_fetch_assoc($food_res)) {
        // Get values like title, price, description, and image
        $food_id= $food_row['id'];
        $food_title = $food_row['title'];
        $food_price = $food_row['price'];
        $food_description = $food_row['description'];
        $food_image = $food_row['image_name'];
    }
}
?>
```

A BAKERY MANAGEMENT SYSTEM HANDLES ORDERS, INVENTORY, SALES AND CUSTOMER RELATIONSHIPS.

RESULT & SNAPSHTOS



CONCLUSION

Pastry Pal stands as a pivotal solution in revolutionizing the culinary experience for individuals with a passion for delectable treats.

Pastry Pal simplifies the process of discovering and indulging in culinary delights.

Pastry Pal is a gateway to a world of gastronomic delights, where passion meets innovation to create unforgettable culinary experiences.

REFERENCES

- [1] RAMEZ ELMARSI AND SHAMKANT B. NAVATHE,"FUNDAMENTALS OF DATABASE SYSTEMS" , PEARSON, 7TH EDITION,2017.
- [2] ABRAHAM SILBERSCHATZ,HENRY F. KORTH, S. SUDARSHAN DATABASE SYSTEM CONCEPTS,MC GRAW HILL,7TH EDITION, 2021
- [3] MARK L. GILLENSON,FUNDAMENTALS OF DATABASE MANAGEMENT SYSTEMS, 3RD EDITION,WILEY,2023.
- [4] @ONLINE MYSQL OFFICIAL, [HTTPS://WWW.MYSQL.COM/](https://www.mysql.com/)

THANK YOU!

