

I. INTRODUCTION

The idea of the project struck our mind when Covid19 began to emerge in almost whole world. When countries were shutting down and all the small business and shops were closing. So we decided to help people who was able to go outside for getting cake for their loved ones. We thought to make this business online as it also helped people. We simply thought of making a e-commerce website for this business. Our project was named as "The cake shop website". So the idea was to enable customers to shop from comfort of their home. This idea was also safe it prevented over-crowding in the shop and also protected the shop owner and customers from covid19 by delivering cakes and bakery products to customer's doorstep by no contact delivery method which also gives safety to delivery person. So our website is developed in such a way that allows users to check for various cakes available at the online store and purchase online. The project consists of list of Cakes and bakery products displayed in various categories. The user may browse through these items as per categories. If the user likes a product he may add it to his shopping cart. He may even pay through a credit card or cash on delivery. Once the user makes a successful transaction he gets a copy of the shopping receipt on his email id. User has also option for ordering custom cakes according to their requirements like cake's flavor, size, shape and so on. Thus the online Cake shopping project brings an entire cake shop online and makes it easy for both buyer and seller. The user interface is simple and easy to understand. We also will also ensure to allow discounts to the customer who buys the cakes from our website on special occasions. You can also buy more related available products in the shop ex :- birthday caps , masks , chips, age candles, etc. Our website will also have pictures of already ready-to-serve cakes. Chat bot will also be available for service 24x7, you will also have a option of self designing cakes. The flavor of cake can also be selected through this website. We are using firebase to store the information of the customers with full privacy, also to store information about products and their prices. Our website's front-end is designed using Html, Css, Javascript and backend is based on firebase. The customer information will include Address, Name, Age, credit & debit card details on our server (only if customer permits). Then we will process deliveries with our delivery partner companies. We can take our business worldwide too by expanding our bakery industry abroad.

II. PURPOSE

Our project is based on creating an online website using web-development based programming languages and frameworks, In short the idea is to make online cake shop which will provide our customers to view, design their own custom cakes and buy readily available delicious cakes. Our website will also offer 'help chat bot' which will help our customers if they have any query, questions and complains. There will be menu which will provide information about type and flavors of cake. And our home page will show latest launch of new cakes, most trending cakes to buy , information about our company, safety measures we take while making cakes, short descriptions and feedbacks of our happy customer. Manual work takes a lot of time and a lot of other resources also. It is difficult to maintain record of all the resources. There is also a chance of damage and being misplaced. Our application tackles all these problems and issues as everything is available on our mobile phone. Our application would provide instant booking of Cakes by checking the date. While booking the user information will be stored in the database which can be useful many times. As a database is connected to the application, manual records are out of the picture. Everything will be saved on the database, from user information to booking details.

III. Scope & Benefits:

To shop from our website the user or customer must be registered by clicking on register/signup which will create his shopping account. While registering customers are expected to enter all his true details like his real full name, email, addresses, phone number and date and time ,cake information. So in this way we will need to create and use data base management system in order to store customer's data. After that customers can easily shop from our website by clicking on buy button thereafter making the payment online using credit card, debit card, net banking or by UPI apps.

How the project will work?

Firstly when we open our website homepage will open and thereafter we can view contents updated in home page we will require database server to store information of personal account of customer like orders of specific customer, shipping address and personal details like phone number, email Id and so on. Our homepage will have. Information about Latest launches of cakes, other cakes and their prices. When customer clicks on buy he will be redirected to login page & register option will also be available then when he will login (only if he has registered) , the cake he selected will get added and clicking checkout the payment options will load, Now customer will select payment method , If he selects online payment methods then he will be redirected to his bank's payment gateway. After completing the payment his order will get placed and then it is our responsibility to deliver his order on time to his registered address. If the user is not registered then he will be prompted to register. The website will provide great user experience and great shopping experience too.

IV. Code to order the cake

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "bakery";
$conn = new mysqli($servername, $username, $password, $dbname);
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $name = $_POST['name'];
    $email = $_POST['email'];
    $address = $_POST['address'];
    $phone = $_POST['phone'];
    $date = $_POST['order_date'];
    $time = $_POST['order_time'];
    $cakeFlavour = $_POST['cake_flavour'];
    $kg = $_POST['kg'];
    // Use prepared statements to prevent SQL injection
    $stmt = $conn->prepare("INSERT INTO orders (name, email, address, phone,
```

```

order_date, order_time, cake_flavour, kg) VALUES (?, ?, ?, ?, ?, ?, ?, ?)");
$stmt->bind_param("sssssssd", $name, $email, $address, $phone, $date,
$time, $cakeFlavour, $kg);
if ($stmt->execute()) {
echo "Order placed successfully";
header("Location: thank_you_page.php");
exit();
} else {
echo "Error: " . $stmt->error;
// Handle errors as needed
}
$stmt->close();
}
$conn->close();
?>

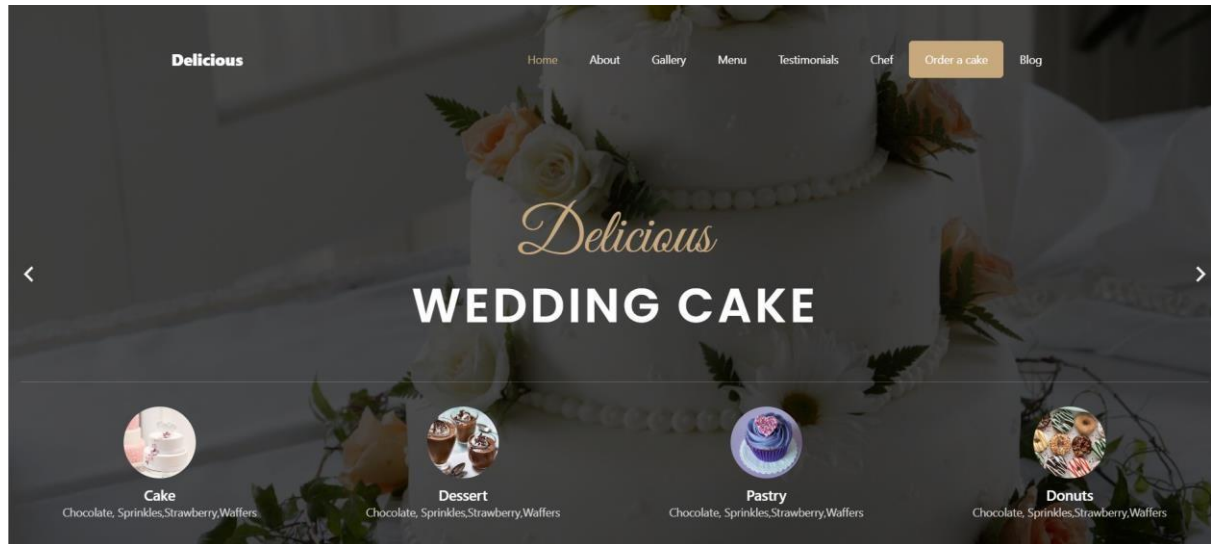
```

This PHP code is a script designed to handle the form submission from the cake order section. Let's break down the key components:

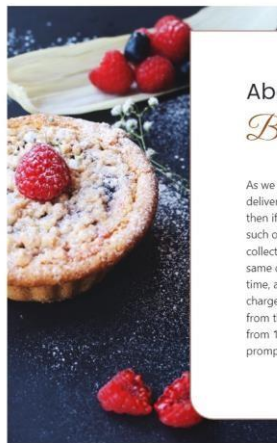
1. Database Connection: This code establishes a connection to a MySQL database named "bakery" on the local server using the provided credentials.
2. Connection Check: This checks if the database connection is successful. If there's an error, it terminates the script and outputs the connection error.
3. Form Data Processing: This block of code checks if the form has been submitted using the POST method. If true, it retrieves the form data and prepares a SQL statement using a prepared statement to prevent SQL injection.
4. Execution of Prepared Statement: It executes the prepared statement. If successful, it echoes a success message, redirects the user to a thank-you page, and exits the script. If there's an error, it echoes the error message.
5. Statement Closure and Database Closure: It closes the prepared statement and the database connection. This script is designed to handle the form submission, insert the order details into the "orders" table in the database, and provide appropriate feedback to the user. It also includes measures to prevent SQL injection using prepared statements.

V. RESULTS AND DISCUSSION

Home:



About Us:



About Us

Beautiful Story

As we all desire to surprise our beloved ones at midnight, we seek different portals that deliver midnight birthday cakes to our doorstep. Also, if they do same day cake delivery, then if not at midnight, we want to send our love at least on the main day. Beleniss is one such online cake bakery in India that allows you to choose from a comprehensive collection of cakes and send them to the doorstep at a preferred time. It may be on the same day or midnight, you just need to add the delivery address, choose the delivery time, and we will love to pamper your loved ones with our lip-smacking cakes. We don't charge a penny for same day cake delivery. Yes, there are no hidden charges here. Apart from that our midnight cake delivery charges are Rs 249, and the time slot that we offer is from 11 PM-1 AM. So, you can begin your celebration sharp at 12 o'clock with Beleniss prompt delivery services. Order today and dive into the flavours.




Gallery:






Menu:

Specialities Our Serving

Cakes

	Strawberry Strawberry, Chocolate, Berry, Cream	<u>₹350</u>
	Rainbow Cake Strawberry, Chocolate, Berry, Cream	<u>₹500</u>
	Red Velvet Strawberry, Chocolate, Berry, Cream	<u>₹500</u>

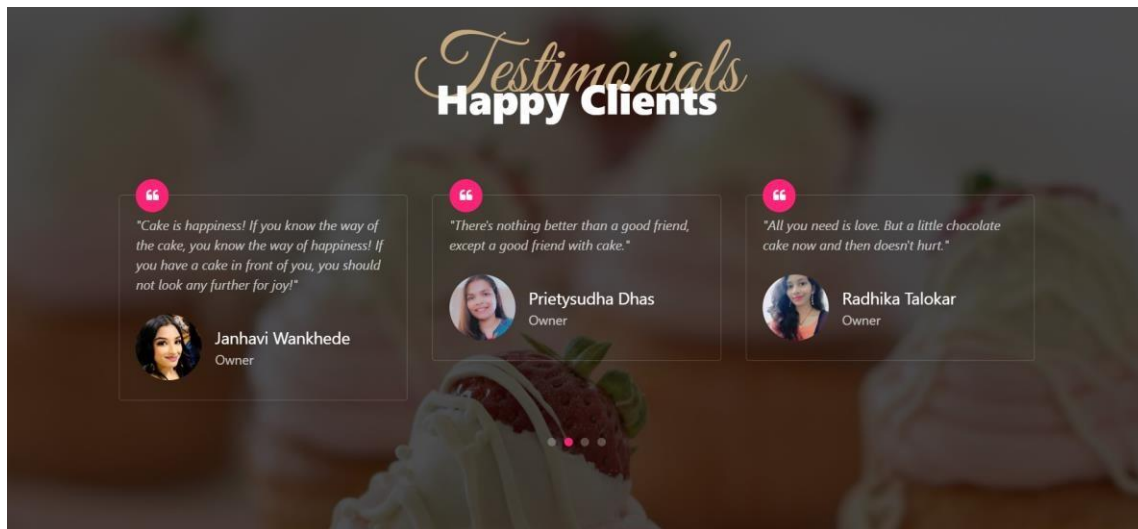
Wedding Cake

	Chocolate Strawberry, Chocolate, Berry, Cream	<u>₹450</u>
	Belgium Cake Strawberry, Chocolate, Berry, Cream	<u>₹400</u>
	Cookies Strawberry, Chocolate, Berry, Cream	<u>₹400</u>

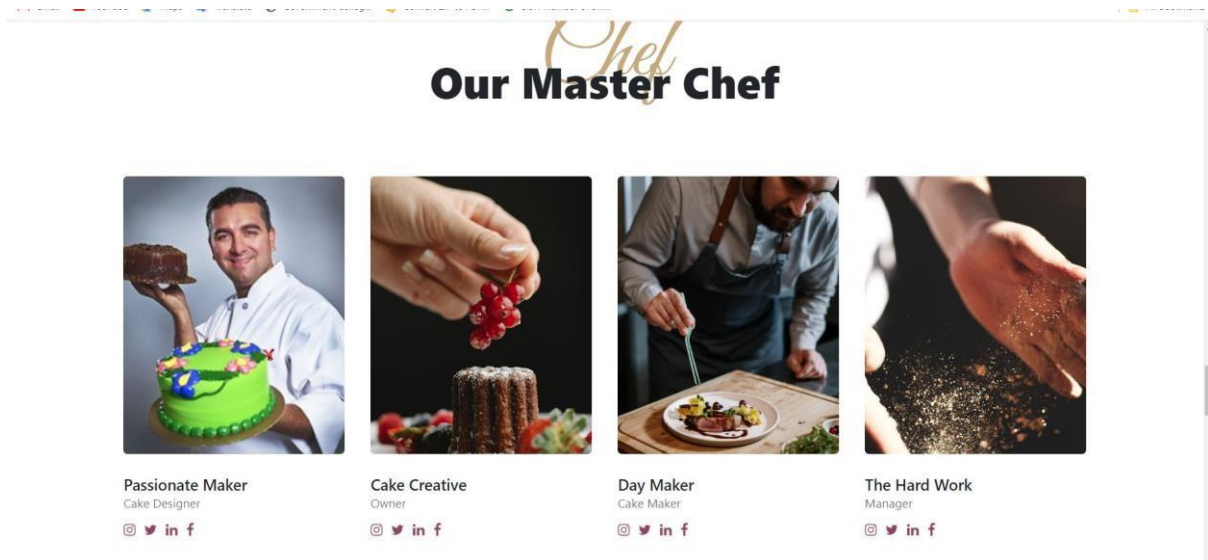
Pastries

	Blackberries Strawberry, Chocolate, Berry, Cream	<u>₹400</u>
	Orange Strawberry, Chocolate, Berry, Cream	<u>₹450</u>
	Mango Strawberry, Chocolate, Berry, Cream	<u>₹399</u>

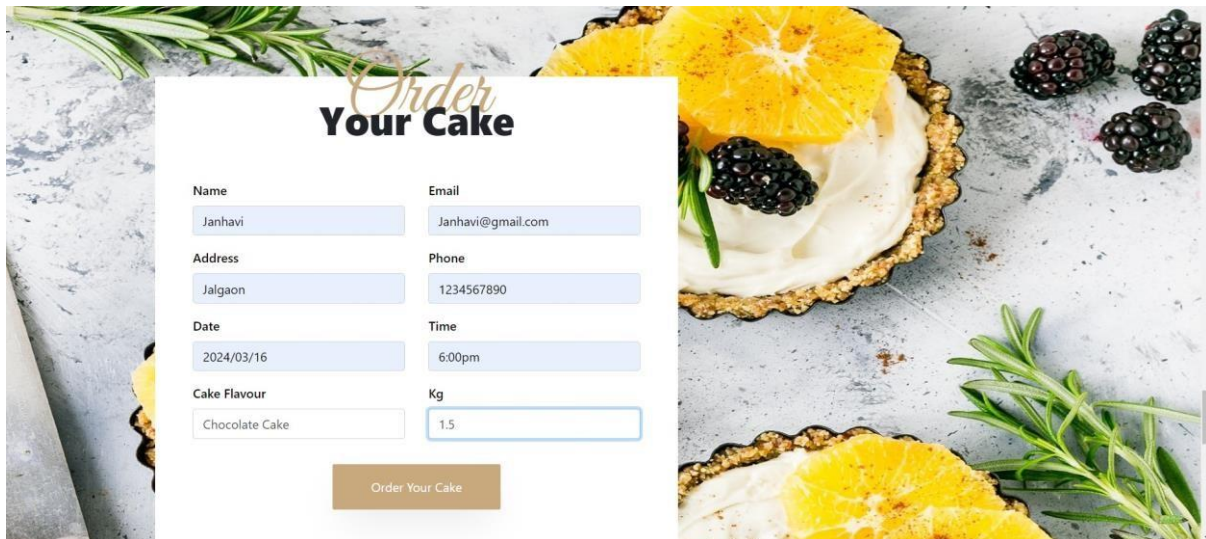
Testimonials:



Chef:



Order a Cake:



Order
Your Cake

Name	Email
<input type="text" value="Janhavi"/>	<input type="text" value="Janhavi@gmail.com"/>
Address	Phone
<input type="text" value="Jalgaon"/>	<input type="text" value="1234567890"/>
Date	Time
<input type="text" value="2024/03/16"/>	<input type="text" value="6:00pm"/>
Cake Flavour	Kg
<input type="text" value="Chocolate Cake"/>	<input type="text" value="1.5"/>

Order Placed Successfully!!

Order ID: 1

Name: Janhavi

Email: Janhavi@gmail.com

Address: Jalgaon

Phone: 1234567890

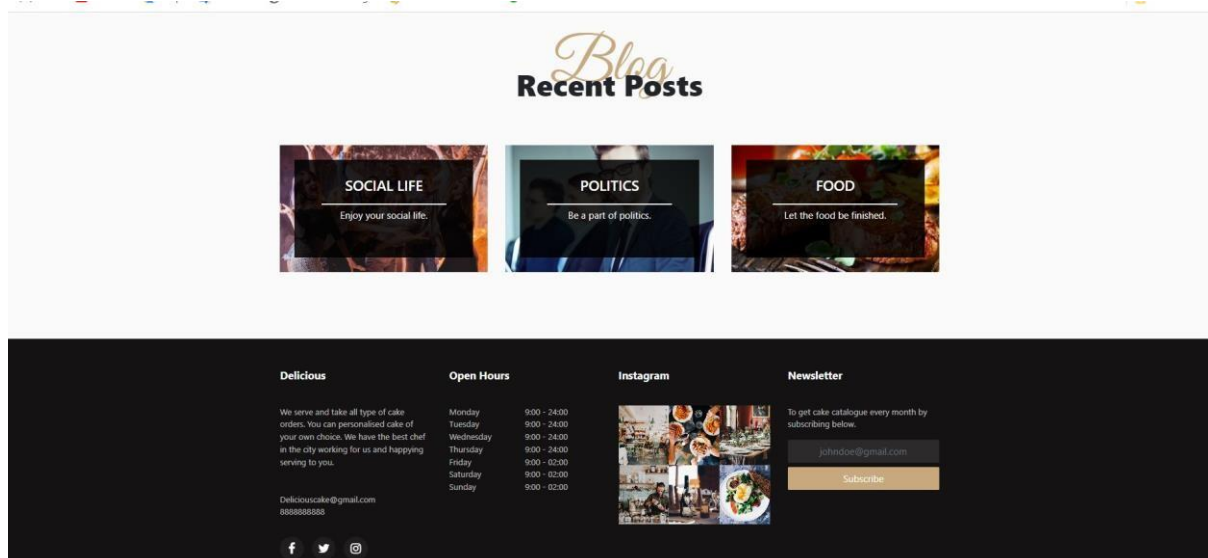
Date: 2024-03-16

Time: 06:00:00

Flavour: Chocolate Cake

Kg: 1.0

Blog:



Blog
Recent Posts

SOCIAL LIFE

Enjoy your social life.

POLITICS

Be a part of politics.

FOOD

Let the food be finished.

Delicious


We serve and take all type of cake orders. You can personalized cake of your own choice. We have the best chef in the city working for us and happily serving to you.

Deliciouscake@gmail.com
8888888888

Open Hours




Monday	9:00 - 24:00
Tuesday	9:00 - 24:00
Wednesday	9:00 - 24:00
Thursday	9:00 - 24:00
Friday	9:00 - 02:00
Saturday	9:00 - 02:00
Sunday	9:00 - 02:00

Instagram



Newsletter

To get cake catalogue every month by subscribing below.

VI. Future Scope:

People will be able to order our products from just comfort of their home. We have best present example of covid19, as most of the shops are closed & most of the people find it risky to visit shops, Online shopping is convenient, easy, time saving, safe from customer's point-of-view and from delivery executive's point of view by providing no-contact-delivery. Our idea will boost cake & bakery businesses with low capital & more profits.

VII.CONCLUSION

- 1) Online website for ordering cake and other bakery products is a simple way just from comfort of home.
- 2) The work which is done manually previously is done automated in the provided website and system.
- 3) This also minimizes the complexity of searching the particular record.
- 4) Makes our business automated with low capital and liable costs.
- 5) Increases profits.

VII.REFERENCES

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