

PROJECT REPORT

VINCENT PIZZA RESTAURANT

**WEB TECH LAB
(CS-311L)**

5TH SEMESTER

COURSE INSTRUCTOR: RAHEEL USMAN

SECTION: D

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INTRODUCTION

Vincent Pizza Restaurant is a university level web based project developed to represent food products on an online platform. The website provides users with information about various traditional food items through a clean and user friendly interface. The project has been developed using modern web technologies in **Visual Studio Code**, focusing on both frontend and backend development.



THE PROCESS

TECHNICAL ARCHITECTURE

This **Restaurant Website** is a dynamic web application developed using **PHP and MySQL**.

The main purpose of this website is to provide an **online presence for a restaurant**, where customers can view the **menu, gallery, and contact information** easily.

The website allows restaurant owners to display their food items and images dynamically using a database.

It uses **HTML, CSS, and JavaScript** for the frontend and **PHP** for backend processing, making the system efficient, interactive, and user friendly.

CORE FEATURES

Dynamic Menu: Interactive sliders allow users to browse through product lines

Store Locator: A dedicated module helps customers find physical store locations easily, enhancing the "Find Us Now" user journey.

Inquiry System: A fully functional contact portal that allows the business to collect and manage leads via the backend database.



Registration Form

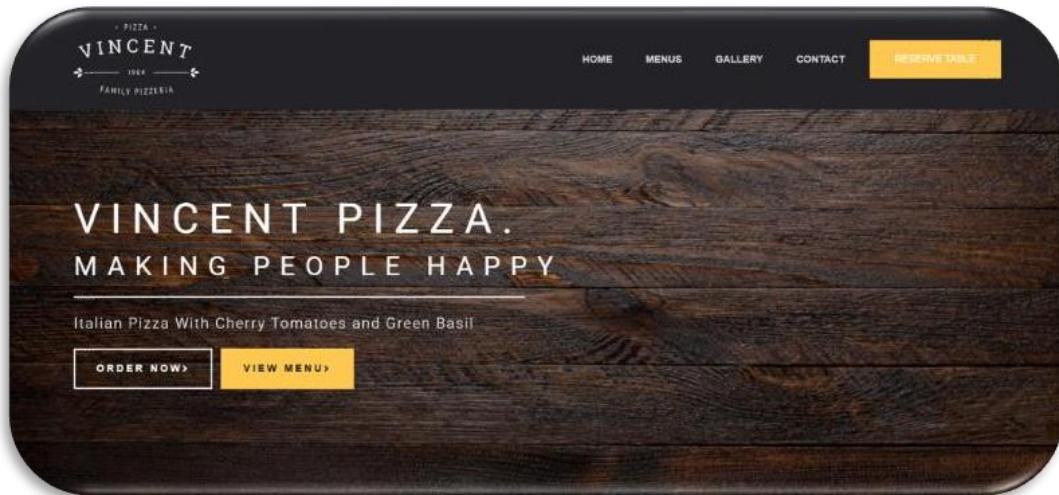
Name:	<input type="text"/>
Email Id:	<input type="text"/>
Enter Email	<input type="text"/>
Password:	<input type="password"/> <small>Password is required</small>
Enter Password	<input type="password"/> <small>Password is required</small>
Address:	<input type="text"/>
Enter Address	<input type="text"/>
Mobile Number:	<input type="text"/>
Enter Mobile Number	<input type="text"/>
Pincode:	<input type="text"/>
Enter Pincode	<input type="text"/>
<input type="button" value="Register"/> <input type="button" value="Reset"/>	

Frontend Design

Dynamic Visuals: The home page features a high-quality video background in the hero section and smooth carousels (using Splide.js) to showcase various meat categories such as Beef, Chicken, and Organic products.

Responsive Layout: Using Bootstrap 5 and custom Media Queries (media.css), the website is fully optimized for all devices, including desktops, tablets, and smartphones.

Brand Identity: A consistent color palette of deep red (bd1220) and warm yellow (ffb120) is used to evoke feelings of freshness and appetite, aligning with the food industry standards.



DISCOVER OUR MENUS

BURGERS DESSERTS DRINKS PASTA PIZZAS SALADS TRADITIONAL FOOD



Beef Hamburger

Lore ipsum dolor sit amet, consectetur adipiscing elit. Nam posuere, lectus et mollis ultricies, justo arcu dignissim enim, eu eleifend lectus nulla.

\$3.80

IMAGE GALLERY



Our Restaurant is one of the bests, provide tasty Menus and Dishes. You can reserve a table or Order food.



Headquarters

1580 Boone Street, Corpus Christi,
TX, 78476 - USA

vincent.pizza@gmail.com
088866777555

Opening Hours

Monday - Friday 11:30am - 2:00pm

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Email Address...

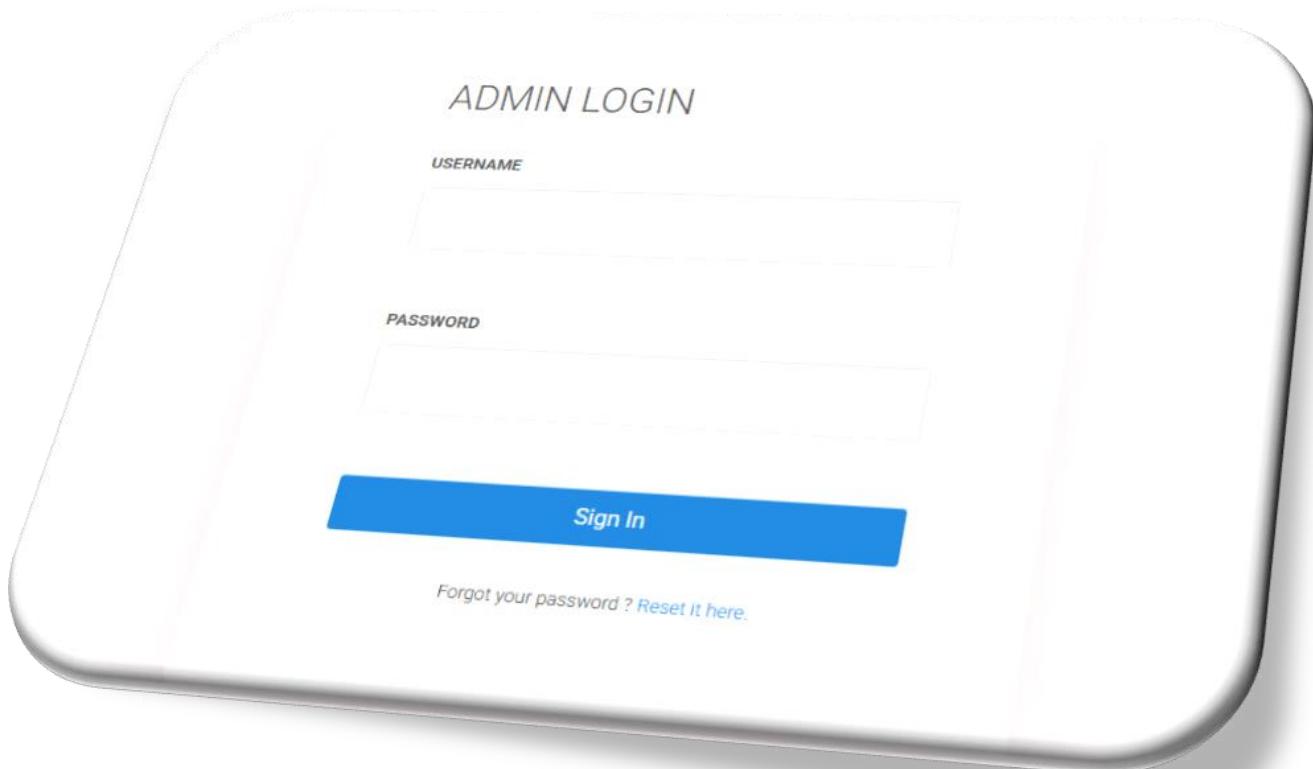
SUBSCRIBE

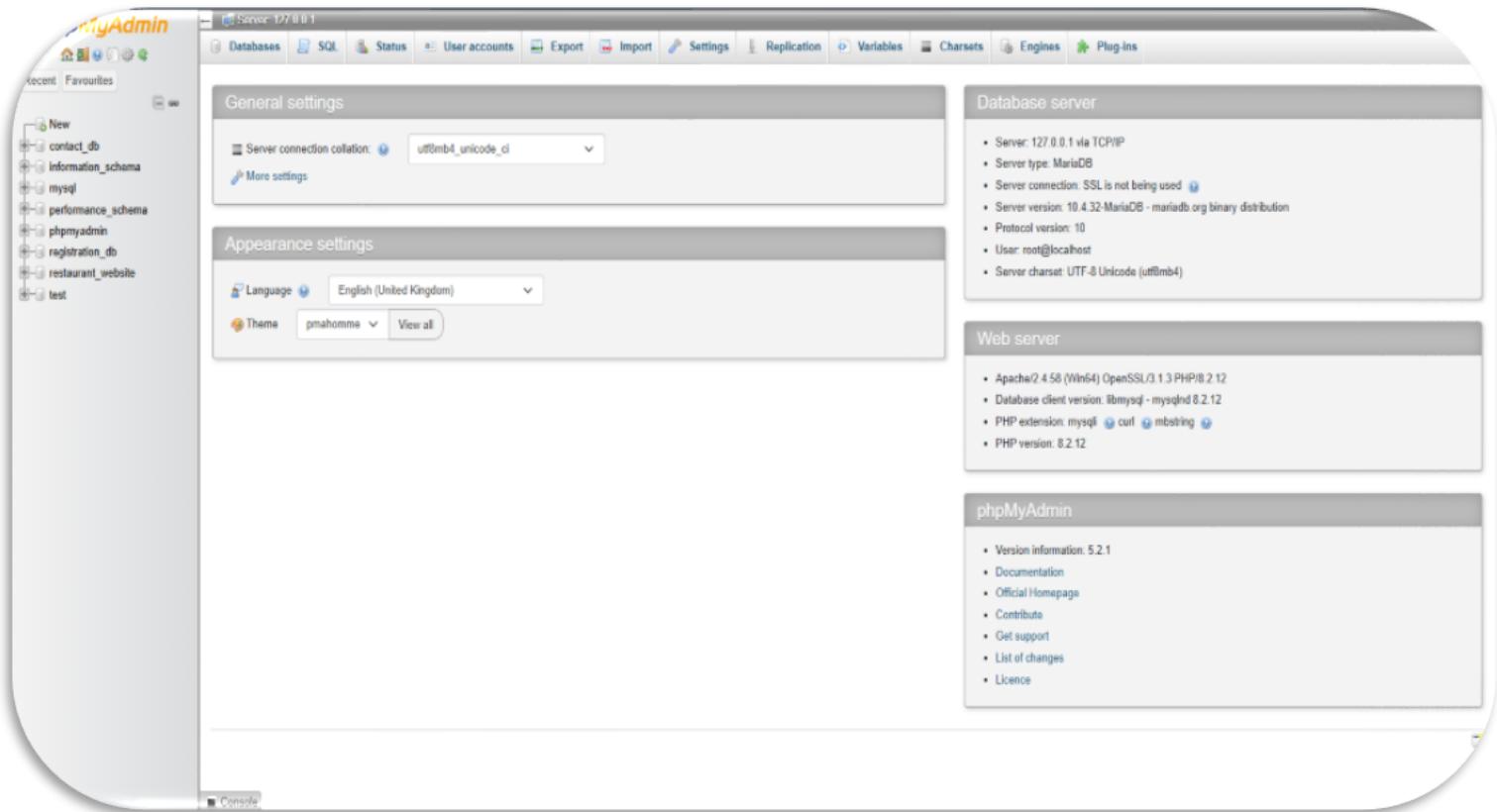
Backend Integration

Database Management: A MySQL database was configured to store structured data. For example, a "Contact" table was created to capture user names, emails, and messages.

Form Processing: On the contact.html page, the form data is sent to a PHP script. This script validates the input and executes SQL INSERT commands to save the customer's information securely in the database.

Error Handling: A dedicated error.html page was integrated to guide users in case of broken links or server issues, ensuring a smooth navigation flow even when technical glitches occur.





Conclusion

The Vincent Pizza Restaurant website serves as a comprehensive and professional web-based solution that blends an appealing visual design with efficient backend functionality. By incorporating modern web technologies and a structured backend system, the project extends beyond a basic informational website to provide an interactive and scalable platform for presenting food products online. This project highlights strong proficiency in frontend design, backend development, and overall system integration, demonstrating the practical application of web development concepts at a university level.