



Activity based
Project 1 Report on
Application Security System
Submitted to Vishwakarma University, Pune
Under the Initiative of
Contemporary Curriculum, Pedagogy, and Practice (C2P2)



By
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Second Year Engineering

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Project Statement:

Pizza House should incorporate client-side input validation to better the user experience and heighten security, affirming data integrity through detailed format, length, and type validation within their web application

Problem Description:

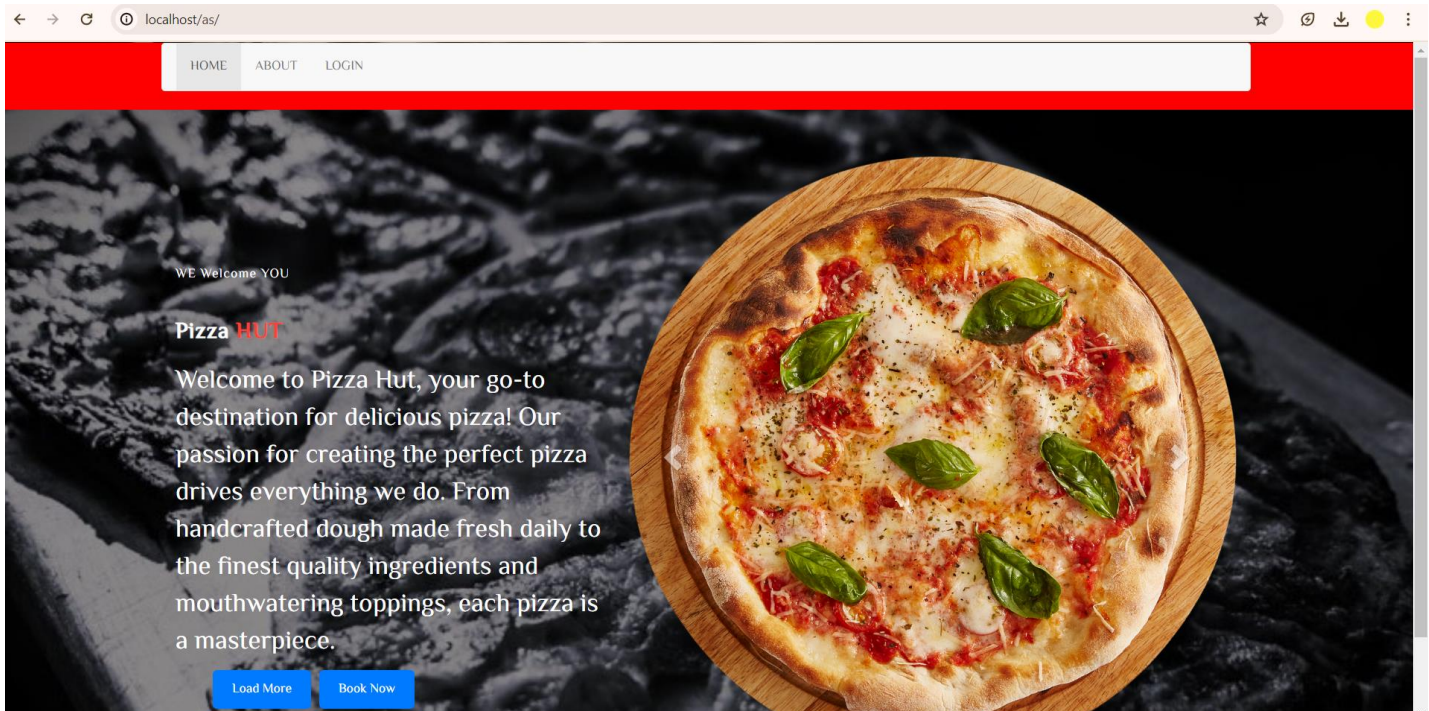
Pizza House is enhancing its web application with client-side input validation to improve user experience and bolster security. The implementation includes detailed format, length, and type validation, ensuring data integrity. This enhancement aims to provide a seamless and secure ordering experience for users

Project stage- 1 details:

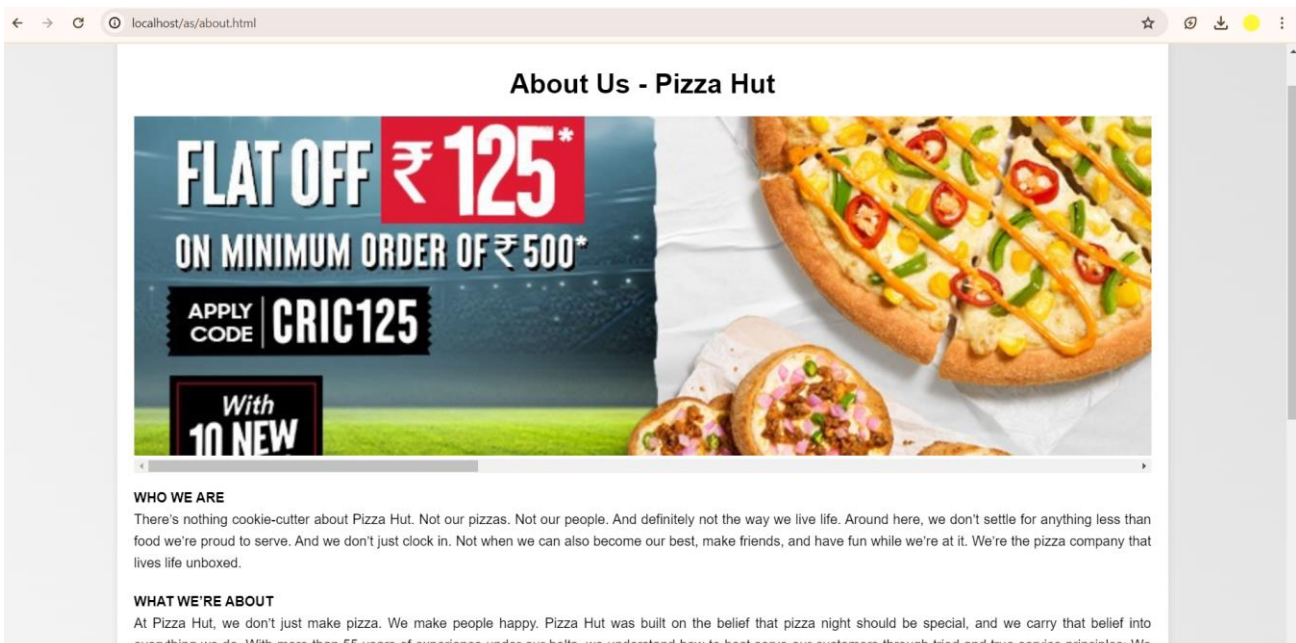
- **Session Management:** The use of `session_start()` and `$_SESSION` variables is essential for maintaining user sessions and tracking authentication status across pages.
- **SQL Injection Prevention:** Sanitizing user input with `mysqli_real_escape_string()` helps prevent SQL injection attacks by escaping special characters in SQL queries.
- **Form Validation:** JavaScript form validation (`validateForm()` function) ensures that the username and password fields are not empty before submission, enhancing user experience and data integrity.
- **Error Handling:** The PHP script checks if the query returns any rows to determine if the login was successful. If not, an error message is displayed to the user, improving usability.
- **Styling and UX:** The use of CSS for styling creates an attractive and user-friendly login form, enhancing the overall user experience and making the application more appealing.

Screenshots of the output Obtained:

Index page:



About Page:



Application Security

WHO WE ARE

There's nothing cookie-cutter about Pizza Hut. Not our pizzas. Not our people. And definitely not the way we live life. Around here, we don't settle for anything less than food we're proud to serve. And we don't just clock in. Not when we can also become our best, make friends, and have fun while we're at it. We're the pizza company that lives life unboxed.

WHAT WE'RE ABOUT

At Pizza Hut, we don't just make pizza. We make people happy. Pizza Hut was built on the belief that pizza night should be special, and we carry that belief into everything we do. With more than 55 years of experience under our belts, we understand how to best serve our customers through tried and true service principles: We create food we're proud to serve and deliver it fast, with a smile.

WHERE WE COME FROM

In 1958, two brothers borrowed \$600 from their mom to open a pizza place in Wichita, Kansas. They named it Pizza Hut, because their sign only had room for eight letters. How profound! Soon, the restaurant grew. Why? The pizza was awesome. The service felt like home. And the customers were treated like family. And we've been delivering that same food and service ever since.

FOR THE LOVE OF PIZZA SINCE 1958

From day one, the Carney brothers could look their customers in the eye and promise them the finest pizza in town — because they knew the farmers who grew the ingredients, and they knew those farmers cared about quality. Since then, our farmers have grown right alongside us, and the ingredients priority. No one loves pizza more than Pizza Hut. That's why pizza is in our name — and always will be.

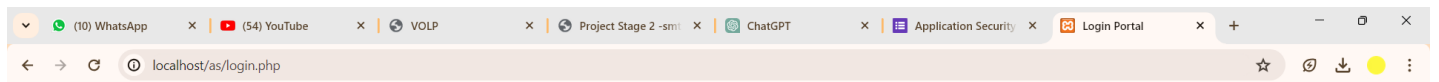
PIZZA HUT INDIA

In June 1996, Pizza Hut made its foray into India with a restaurant in Bangalore and was the first international restaurant chain to pioneer the brand offers an exciting menu consisting of its signature pizzas, appetizers, pastas, desserts and beverages. Its trademark dining experience and Brand Equity to make it the 'Most Trusted Food Service Brand' for 11 years in a row. Pizza Hut is the most preferred pizza brand in India, given its affordable Pizzas.



Snipping Tool
Screenshot copied to clipboard and saved.

Login Page



Login Portal



Conclusion :

In this project, I learned about building a basic login system for a web application using PHP, MySQL, HTML, CSS, and JavaScript. I learned how to establish a secure connection to a database, sanitize user input to prevent SQL injection attacks, and manage user sessions. Additionally, I learned about frontend form validation using JavaScript and how to improve the user experience with CSS styling. Overall, this project taught me the fundamentals of web development and the importance of security and usability in building web applications.

*Important Instruction

Word document Formatting:

Font: Times New Roman

Font size: for text 12 and for title : 14

Line spacing : 1.5