

ONLINE PIZZA ORDERING SYSTEM

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1 Introduction

How to develop an online pizza ordering system to enable customers place orders online from the comfort of their location with just a click. The challenges encountered by the existing system serve as a major drawback to the realization of efficiency and customer satisfaction. The experience of ordering in food restaurants is not pleasant for the customers. Customers will have to make long queues before placing their orders especially during peak hours and then the ordering staff will record customer orders. Having placed their order, the customer must then wait near the counter until their order is ready for collection. The other problem in the food service industry is that restaurants are not realizing the efficiencies that would result from better application of technology in their daily operations. Fast food business is a very competitive business and one way to stand out from competitors is through improving the business process where business process automation can assist business improvement. The other problem with the current system is that the customers are not able to see the ingredients of the meals before they place their order and also they only have to pay for their order online.

This project aims at designing and developing an interactive and responsive world wide web-based pizza ordering system for use in the food service industry which will allow the restaurants to quickly and easily manage an online menu which customers can browse and use to place orders with just a few clicks.

2 Functional Requirements

- When a customer will visit the online pizza ordering system of any pizzeria, he will be asked to login or sign up with them for better experience. The customer will have to create a unique username and a password.
- A new customer needs to register by entering details like Name, phone number, address. After these steps account of that customer will be created.
- The menu page will have most popular pizzas and non-pizza items for a quick selection. The pizzas in the menu are created by the professional chefs of the pizzeria.
- The menu page will have “customize your own pizza” which will include crust sizes, crust flavors, and ingredient to go on top of pizza. The ingredients in this pizza will be changed according to the customer interests.
- Each pizza will be shown with their image and price. The ingredients used in the making of that pizza will also be seen. All the ingredients will be shown at their prices.
- Each of these ingredients will be removed or other new ingredients will be added in the order.

- After each selection or de-selection, the grand total of the order will be updated.
- This system will provide the options to create your custom pizzas with everything of your choice:
 - The customer will get an option to select pizza's crust size which can be small, medium or large.
 - Then customer will to choose the sauce to be used on his pizza crust. These can marinara, cheese, ranch and others.
 - Then the system will ask the customer whether to add cheese or not. He will also have an option to select for extra cheese.
 - At last the system will show the customer different types of toppings:
 - * the customer will choose between veg. and non veg. toppings.
 - * Suppose he/she selected veg., then different options like pineapple, mushrooms, olives etc. are shown.
- When you have to order more than one pizza or other non-pizza items, you just have to add that pizza to the cart using the Add to cart option. Items added to the cart will be saved so that you can choose other pizzas as well. Finally, when you are ready to order you can check out from the cart to make payment.
- After selecting the items to be ordered, the customer has to select the type of order whether it will be a home delivery or pick up. After that, the customer has to provide his/her details like name, phone number, address, email id.
- There will be basically 2 payment options i.e. online payment using Credit/Debit cards and Internet banking or Cash on delivery. Before making payment your order details are shown and confirmed.
- The order is made and the customer is notified about the time by which the pizza will be delivered to them.

You need to create your own SQL database to store information based on the project needs.

3 Submission

Submit the source code of the game through canvas. You need to give a quick presentation on your final product. No marks will be rewarded without presentations. No marks will be rewarded if the system is implemented with either any frameworks or PHP. The system must be implemented with node.js, ejs, and sqlite.