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ASP.NET Pizza Lab

Duke’s Pizza

**ASP.Net Web Lab 1**

This is one of your required Web Labs.

In this lab, you will create a web site that allows for the ordering of pizza from a local pizzeria that is interested in reaching customers through their web site. In particular, the management of the pizzeria wishes to allow customers to place orders online. It is important for the pizzeria to not only store the customer order but display the order to customer for confirmation. In addition, the site should attractively market the food and allow for enhanced customer interaction. Create the user interfaces and the code behind the form to calculate the order’s price and store the customer order based on the following criteria:

1. The pizza size
   1. Small pizza’s charge is $7.45 each
   2. Medium pizza’s charge is $10.45 each
   3. Large pizza’s charge is $13.45 each
2. Number of pizza’s
3. Preferred toppings
   1. At least 10 options
4. Delivery
   1. Pickup or delivery
   2. There is a $1.00 charge for delivery
   3. Delivery address details
5. Time to completion
   1. Time for pickup and/or time of delivery
6. Total price with payment options

After the client provides all the information and submits this form, be sure to store the order data and display the information collected to the customer and to a backend service.

Demonstrate and discuss your lab solution with Professor Enke and upon approval submit all the files you have created via Blackboard.

1. Mission

The duke pizzeria’s website needs to create an online order system. The main objective of this website is to make the orders process easier and having efficient customer and order administration. On this website, the customer can order the pizza with different options, such as size, the number of pizzas, and topping. Also, the total price is calculated automatically depends on what client’s order, and they can see what they order as a historical record.

1. Objects

This website is required to have the following objects:

* 1. Have sign up and login pages
  2. Have an opportunity to pick the pizza size and the number of pizzas
  3. Have a variety of topping (At least 10 options)
  4. Have a variety of your order method (take out or delivery)
  5. Have a selection of time for pickup or delivery
  6. Calculate the total price depending on what the customer ordered
  7. Have a history log to check what the customer ordered

1. Project Description
2. Allow customers to pursue and purchase pizza from online order system
3. Allow customers to submit their order, and check their history log

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1. Feature Summary

The pizzeria website will consist of the following major features:

4-1. Login Page (Customer and Employee)

Here is the page for customers and employees to login, and it needs a basic form to fill out a username and password. One of the main functions is the Validation system. If the user put no information or incorrect username or password, the error message shows up. The general expression for the password is having at least one capital case and number and having at least six characters.

4-2. Signup Page

Here is the page for customer registration, and it needs basic forms to fill out customer information, such as username, password, customer name, and phone number. It also needs a validation system. If the user put no information in any of these fields, the error message shows up. The regular expression for the password is the same as the login page.

4-3. Home Page

Here is the page to view customer’s information, such as private information. It also needs CRUD function, so customers change their information on this page. The page additionally includes a history log for customer’s order, so they can understand what and when they ordered on this page. It needs CRUD function too, so they can edit or cancel their order before the shipment date or time.

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4-4. Delivery Page

The page for the online ordering system. It needs to have a basic form to fill out the detail information of pizza, such as size, the number of pizzas, and toppings. It also needs a personal information section, and the customer can fill out the order method (take out or delivery), address, and delivery date. The customers can see the total price when they fill out all the information.

4-5. Order history Page

Here is the page for employees to see all customer’s ordering history. The page contains a table with the following elements: Order No, Customer name, the quantity of the pizza, description with the link, delivering date and address.