A Shopping Cart and Invoicing System for Foodservice Products

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Mission

- Develop an online shopping cart for Snyder Wholesale, Inc.
- Provide a login for both customers and an administrative person
- Develop the webpage in an easily updateable language with low cost for hosting
- Develop so that only customers that are given passwords can use the website to order
Background

• Snyder Wholesale is a corporation in the foodservice distribution industry

• Has many different lines of products ranging from Candy and paper products to dry and frozen food products

• Serves customers in portions of Arkansas, Mississippi, Tennessee, and Missouri
Issues in Planning Process

• Needed to find a dynamic, web-based language to be low cost and easy to update or change
• Looked at PHP, ASP, and Coldfusion
• While PHP offered more options and platform independence, ASP also included learning VBScript
• Decided to implement the project through ASP
I had to decide how to create database to go about placing products onto invoices
Problems

- Issues with the session variables
- Issues adding and updating the database
- Issues with some database design
- Problems understanding some of the problems with functionality of IIS
Examples of Code

DO WHILE counter <> 0
  strSQL = "SELECT * FROM cart WHERE customerId='{}';"
  Set objRS = Server.CreateObject ("ADODB.Recordset")
  objRs.Open strSQL, DB_ConnectionString, adOpenKeyset, adLockOptimistic, adCmdText

  'create a row in custInvoice
  IF numcounter = 0 THEN
    SQL2 = "SELECT * FROM CustInvoice;"
    SET insert = Server.CreateObject ("ADODB.Recordset")
    insert.Open SQL2, DB_ConnectionString, adOpenKeyset, adLockOptimistic, adCmdText
    insert.AddNew
    insert("CustomerNum") = Session("Name")
    insert("datesub") = DATE
    insert.Update
    insert.Close
  END IF

  'find new max invoice number
  SET insert = Server.CreateObject ("ADODB.Recordset")
  insert.Open "SELECT max(invoicenum) AS ok FROM CustInvoice;", "dsn=Snyder"
  Session("Invoice")=insert("ok")
  insert.Close
  numcounter = 2

  'create an invoice using invoicenum from created row and info from current cart row
  SET insert = Server.CreateObject ("ADODB.Recordset")
  insert.Open "SELECT * From Invoices", DB_ConnectionString, adOpenKeyset, adLockOptimistic, adCmdText
  insert.AddNew
  insert("InvoiceNum")=Session("Invoice")
  insert("quantity")=objRs("quantity")
  insert("productId")=objRs("productId")
  insert.Update
  insert.Close
Updates Needed

- Plan to develop a pictured index of products so that it will become a better visual tool for customer
- Integrate more customer options including shipping date and past viewing past invoices
- Will integrate a quantity on hand so that customers will know how much of a product we have currently in stock
Any Questions?