Design Document

Login Screen:

1. Buttons
   1. Login
      1. Button used to login after the user has filled out the textboxes with their login information
   2. Sign Up
      1. If the User does not already have an account, they will be prompted to click sign up to create a new account
2. Menu Strip
   1. File → Exit
      1. Allows the user to quit the program
   2. About
      1. Gives the user information about the program
3. TextBoxes
   1. Username
      1. Textbox for the user’s username
   2. Password
      1. Textbox for thee user’ password

Main Menu:

1. Buttons:
   1. Order Products
      1. Button that will direct the user to a form that will allow them browse and order products
   2. Contact us
      1. Button will direct the user to a form that will provide them with information to be able to contact us
   3. Exit
      1. Button that exits the program when clicked
2. Menu Strip
   1. File → Exit
      1. Allows the user to quit the program
   2. About
      1. Gives the user information about the program

Order Products

1. Buttons
   1. Order Products
      1. Button that directs the user to the form where they can order products and checkout
   2. Exit
      1. Allows the user to quit the program
   3. Contact Us
      1. Button that directs the user to a form with information to get in touch with customer service
   4. Back
      1. Button that goes back to the login form

Checkout

1. Buttons
   1. Checkout
      1. Button the user will click when they are done adding items to their cart to purchase them
   2. Main Menu
      1. Button to go back to the order products(main menu)
   3. Remove item
      1. Button to remove selected item from cart
2. Labels(11)
   1. First name, lastname, address, state, city, zip, credit card#, Exp date, ccv, total, your cart
3. Textboxes(9)
   1. FirstName, LastName, Address, state, city, zip, credit card#, exp date, ccv
4. Menu strip
   1. File->Exit
   2. About->help
5. Listbox
   1. Listbox (the cart) used to add and remove selected items

Sign up

1. Labels(3)
   1. Email, password, re enter password
2. textboxes(3)
   1. Email, password, re-enter password
3. Buttons
   1. Sign up
      1. Button the user will click when they are finished filling out the textboxes with their information
   2. Back
      1. Button to go back to the login form
   3. Exit
      1. Button to exit the program

Database Tables

1. Employees (info of store employees)

a.EmployeeID

b.Phone

c.Address

d.Zip

e.First Name (FName)

f.Last Name (LName)

1. Customers (info of customers for signing in and ordering)

a.CustomerID

b.First Name (FName)

c.Last Name (LName)

d.Credit Card Number (CardNum)

e.Address

f.Zip

g.Credit Card Verification/”Those 3 numbers on the back of a credit card” (CCV)

1. Products (info of products on sale)

a.ProductID

b.Type (Example being hammers, nails, screwdrivers, etc)

c.Price

1. OrderCart (Cart that groups together all the products being ordered)

a.CartID

b.ProductID (ex: one cartID having multiple productIDs so you can buy different items at once.)

c.Quantity

d.PricePerItems (price x quantity)

1. Orders (Info of complete order for checkout)

a.OrderID

b.CustomerID

c.EmployeeID

d.CartID

e.Total (total price of all items in cart)