Assignment #1

Deliverable:

- Use Servlets or React to implement the requirements listed below.
- All source code and byte code must be submitted.
- Use Panapto to record a demo (video + audio+ computer screen) for 5 minutes of your assignment for all features implemented.
- Post your homework as a single compressed (ZIP only) file on Canvas with the name "HW1_YourLastName,FirstName"

High-Level Requirements:

Consider the following high-level description for the online retailer SmartHomes:

- The intent is to build servlet-based web application that will allow customers to place orders online from SmartHomes website
- Currently, the retailer has the products categories:
    1. Smart Doorbells
    2. Smart Doorlocks
    3. Smart Speakers
    4. Smart Lightings
    5. Smart Thermostats
- Currently, the retailer offers its customers the options of:
    1. Store pickup
    2. Home Delivery

The following is the high-level description for SmartHomes website:

- The intent is to build servlet-based web application that will allow customers to place orders online from SmartHomes website
- The store has a StoreManager, Customers, and Salesmen
- The retailers sells different types of products
- The StoreManager can Add/Delete/Update products to the data store
- Salesman can create Customer accounts and can Add/Delete/Update customers' orders
- Every product has Name, Price, Description and might have accessories that could be bought separately.
- When a product is selected for a view, all accessories associated with that product must be displayed below the product horizontally.
- Retailer offers warranty that can be purchased by the customer for every console
- The customer must be able to create an account online
- The customer must specify/select in-store pickup or home delivery
- The customer must be able to place an order online, check the status of the order, or cancel the order.
- The customer will pay using a credit card
- Some of the products may have retailer special-discounts
- Some of the products may have manufacturer rebates

- Customer shall be able to shop SmartHomes to buy one or multiple items in the same session from the SmartHomes online retailer.
- In the same session, the customer must be able to add or remove items from the shopping cart
- When the customer chooses to check out:
    1. The customer will enter personal information (Name, Detailed Address (Name, street, city, state, Zip-Code), Credit Card, home deliver or instore pickup, etc.)
    2. For store pick up, the customer must select the store location for pickup. (Hardcode at least 10 store locations in different zip codes for in-store pickup)
    3. The customer will be provided with a confirmation number and a delivery/pickup date (2 weeks after the order date) that the customer can use to cancel an order at a later time, though it must be 5 business days before the delivery date.

- Hard-code at least 5 values of every product category available in the store in a HashMap , plaintext file, serialized file, or xml file while implementing and testing your application.

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localhost/template-layout/template_3304/

companyname

Home   Examples   Products   Solutions   Contact

Categories

Home Page

Style Examples

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Introduction to pied

Posted on 14 May by Joe Bloggs

Welcome to pied, a free valid CSS3 & HTML5 piednsive web template from ZyPOP. This template is completely free to use permitting a link remains back to http://zypopwebtemplates.com/. Should you wish to use this template unbranded you can buy a template license from our website for 8.00 GBP, this will allow you remove all branding related to our site, for more information about this see below.

This template has been tested in:

- Firefox
- IE
- Safari
- Chrome

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