
Internet Programming 32516

Assignment 2



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[News](#)

[Introduction](#)

[IP Outline](#)

[Lectures](#)

[IP Tutorials](#)

[Textbooks and
References](#)

[Assignment 1](#)

[Pages Served](#)

[Assignment 2](#)

[Unix Notes](#)

[Contacts](#)

32516 Internet Programming

Assignment 2

An Clickable Product Category (Tree) Using XML/AJAX

Due 11:59 pm Tuesday 31 May 2016

Assignment Details

This assignment is done individually.

The assignment must reside in a subdirectory of your public_html directory on rerun.

The assignment will be viewed using the latest version of IE.

Two XML files are included in the Assignment2 ("[categories.xml](#)" and "[products.xml](#)").

"Categories.xml" provides information about of the different categories of the products. Every element in the categories has several attributes such as category ID, category Name and description.

"products.xml" provides information for each product. Every element in the products also has several attributes such as product ID, product Name and category ID which used as a foreign key for the categories and it is used to relate the product with the associated category.

Assignment Specification

This assignment will require that you do the following steps.

1. Using AJAX, read the two XML files and save the data in arrays in your html page (20 marks)
2. Display the arrays on your webpage in the following

aspects (10 marks)

Example:

Product List

i. Seafood

a) Tiger Prawns

b) Cooked Prawns

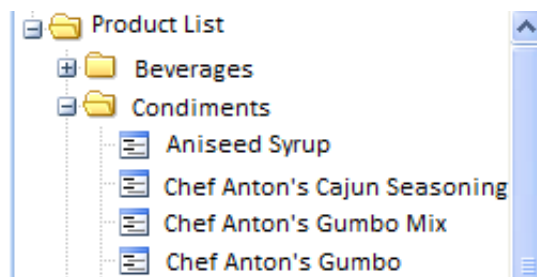
ii. Meat/Poultry

a) Chicken Burger

b) Beef Burger

3. Add "onclick" function on each item in the product list, when the user click on a category item, function displays the description of the category.(5marks)
4. If the user click on a product item, function displays the price and description(QuantityPerUnit) of the product.(5marks)
5. Using JQuery or any other JavaScript libraries, display the arrays of thexml files in a Tree viewer. (40 marks)

Example:



Note: Your tree should be dynamic. Two xml files will be used, which have more categories and products, to test your tree.

6. Add "onclick" function on each node in the tree, when the user click on the category node(ex:Beverages), function shows a popup dialog to show the description of the category. (10marks)
7. If the user click on the product item, function shows a popup dialog to show the price and description of the product. (10marks)

Note: You can use jQuery libraryor any other JavaScript libraries to create the popup dialog.

End ##

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