manos zalokostas

2010-2011

WEBDESA: A simple portal

Web Design for Businesses

assignment one

Table of Contents

Introduction 4
Current technology 5
Methodology 6
a. MySQL 6
Table user 6
Table product 6
Table usergroup 7
Table usercart 7
b. XHTML 8
c. CSS 8
d. PHP 9
Implementation details 10
a. Public Users 11
Home page 11
Product page 11
Basket page 13
Register page 14
Contact page 16
b. Customers 17
Login - Home page (registered users) 17
Basket page (registered users) 18
c. Administration 22
Login - Home Page (administration) 22
Content (Manage Content) 22
Edit product 23
Delete product 25
Add product 25
Edit user 28
Delete user 31
Add user 32
Conclusion 34
Appendix: Source Code 35

Introduction

The aim of this report is to describe the development of a simple portal. Throughout the demonstration we will deliver information, in use of oral and visual mediums, about the navigation of the users through the site and at the same time the functionality that is implemented and running in the background.
The portal provides with a minimum functionality level that interprets and creates impact for three distinct categories of users. As of those, the first group is the public users that enter the site to gain information on selling products. The second group is the users group that is leaded on the idea to acquire products, and therefore have to become registered members of the portal. The last is that of authorized users. Those are credited as members of the company and obtain the capacity to maintain the products database and the previewing of the products, while also registrations and benefits of registered users.
Throughout the report we will enter the site as part of different group members and display the function that is generated underneath each group.

Current technology

The functionality that is build and runs underneath the portal is primarily based on a combination of XHTML & CSS coding for the display areas, and a combination of PHP and MySQL coding for most of the actual interaction between the user and the system. PHP and MySQL generate function hosted on an APACHE server for a Win32 virtual system.

The versions that were used on the deployment of the portal are listed above.

- XHTML 1.0
- CSS 3
- MYSQL 5.2
- PHP 4
- APACHE 2.2.4

While for the clock display that is hosted on all pages of the portal is generated in use of Adobe's Flash CS4, and of course all the Visual display was designed on Adobe's Photoshop.

For an efficient display output it is recommended to use Mozilla Firefox 3.0.1 since that was the browser that the portal was tested during development. The system will generate accuracy in display for Microsoft's Internet Explorer in most pages while there are certain pages that generate erroneous display especially regarded to forms areas. Nevertheless no more than a single or most of two pages generate this behavior.