ICAWEB501A
Build Dynamic Website
ICAWEB502A
Create Dynamic Web Pages

Project01 Description

Design dynamic HTML5, PHP web pages that access mySQL server and Apache Server

Total Marks: 40 points

Web page design style	10%
Item search query	20%
Order entry	20%
User logon and registration	20%
Invoice	20%
Report and documentation	10%

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Note: The CD-DVD- estore is an example, only.

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CD-DVD-E-Store

Your task is to create a simplified online CD and DVD store web site.
Store web site should be supported by the one or a few mySQL databases.
The main objective of this project is to combine all elements (PHP, HTML5, mySQL and Apache server) you learned, into one client-site, server-side web application.

You need to do the following tasks:

To simplify the setting, to access database, your user name will be your Surname and your password will be your student ID.

Design **static** Web pages

Design a simplified Web site for an online DVD store. You need to have at least a home page and three pages for DVD search, order entry, and user registration and logon. The DVD search page (form) should allow a user search for DVD by catalogue. The order entry page should allow user to enter order information. And the user registration page performs user logon and registration. You can design web pages following HTML standard by using FrontPage or text editor such as Notepad. At this time, your web pages are static, without database connection. Store your web pages on your local computer and use your web browser to view these web pages (you need to specify all the file extension as htm files and your home page should be default.html)

Design **dynamic** web pages

Make sure you already have your CD and DVD database on SQL server.
The DVD search page should allow a user search for DVD by catalogue (with the option of select all). After seeing the DVDs, a customer can pick one or more products. By clicking a buy button, an order entry page will show up. A user can also go back for another searching. You need to design the web page template first, and then add script for database access. The order entry page should allow user to enter order information, such as delivery address etc. Once the order is submitted, it will go to user logon page.
The user logon page performs user logon. It checks the user name and password stored in the database. If the logon succeeds, the order information will be entered into database. For a new user, registration is required.
The user registration page accepts a user's first name, last name, user name and password. You need to enter the registration data to the database.
The invoice page will show the invoice number, the order date, the customer name, the delivery address, the products ordered, the quantity, the unit price, and calculate the total.
Create all the links among your PHP pages and upload all of them to the server. Test all the functions and print out the screens of sample runs.
Print out the program code of your PHP pages with clear documentation.

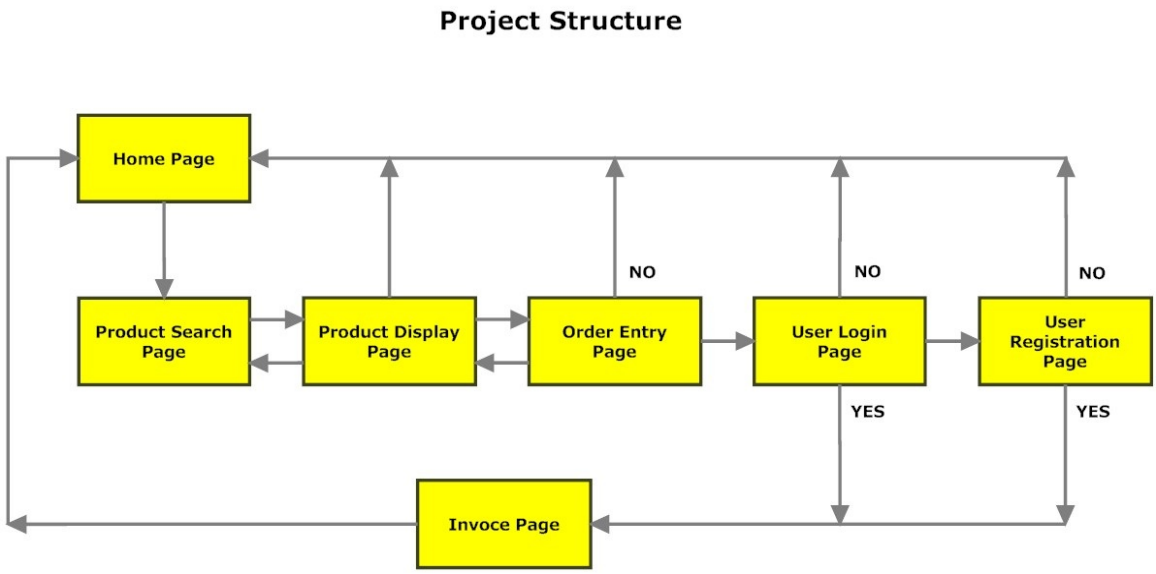

Figure 1 Project Structure

Note:

1. A printed front page should be used to indicate the assignment number, your name and student ID.
2. The report should be printed. Handwriting is not acceptable.
3. The assignment must be done individually. You are allowed to get help from other students. Do not copy others work.
4. Assignment should be submitted in the class of the due week indicated in class schedule.

Report and documentation requirements, marking guide, project schedule and due dates:

24.06.2016 (both groups)

(email with attached project files:
project description, HTML5, PHP scripts, database files, etc.)

Zbigniew Zablocki
zzablocki@swin.edu.au