

CE154 Assignment Marking Scheme 2017-18

Section 1: Layout and CSS

- [] 05 1. The site has menus across the top and down the side.
- [] 05 2. There are consistent menus across all pages of the site.
- [] 05 3. CSS has been used for the layout.
- [] 05 4. The HTML of the pages validates as HTML5:
<https://validator.w3.org/nu/>
- [] 05 5. The CSS of the pages validates: <http://jigsaw.w3.org/css-validator/>
(HTML/CSS validation also directly available through Chrome)

Section 2: Structure and Merchandise

- [] 05 6. The site has a home page, a user login page, a manager login page and one page each for Books, CDs, Games and DVDs.
- [] 05 7. There are at least six items for sale in each category, i.e. Books, Music, Games and DVDs, each shown with a unique item code, a short description, an image, a price and a number in stock.
- [] 05 8. Each item for sale has a different picture which relates specifically to the item.
- [] 05 9. The database tables are used dynamically to create the pages of items for sale on the website. In other words, the items are not hard coded in an HTML page; instead, the HTML page is created dynamically from a .php page by consulting the database whenever that .php is loaded.

Section 3: Customer Logon and Purchase

- [] 05 10. The user can log in to the site and log off again using their customer_number and passwd from the customer table in the database. Specifically, user 1001 can log in with password 'mollie' and this is checked by searching the database.
- [] 05 11. There is Javascript validation of login information. It should check that username is a number and that the password submitted is not null.
- [] 05 12. The user can 'purchase' an item which is for sale, but only when logged in. No 'shopping cart' or payment needed, just click on a button called 'Buy' which is next to an item. We will then go to a purchase page. The user can then click 'Complete Purchase' whereupon the item is purchased immediately as long as the user is logged in. Otherwise, it can say 'not logged in' or similar. The value field of the order_item is the same as the item_price for the item in the inventory, unless there is a discount (see below).
- [] 05 13. On the purchase page there is a box to enter a promotional code. If the user enters a code in the box, it is looked up in the promotion_code table and the appropriate discount applied when 'Complete Purchase' is clicked. A discount of 10 means the cost is reduced by 10%. Invalid codes do not result in a discount! This feature will be verified by looking at the value field for the order_item created when the item is purchased.
- [] 05 14. Stock goes down when an item is purchased. This will be verified by a customer making a purchase and observing if the stock count goes down.
- [] 05 15. An item which is out of stock may not be purchased. This will be verified by a customer clicking Buy against an item which shows a stock count of zero. The system should give an error message and not purchase the item for the customer.

Section 6: Customer Review and Search

- [] 05 16. Next to an item for sale is a Review button. If a logged-on user clicks that button they can enter a simple 1-5 integer rating using radio buttons. The review rating is recorded in the 'review' database table, which can be viewed from the manager page.
- [] 05 17. There is a search box at the top of the screen. If a string is entered, this will display all items in the database (of whatever type) which contain the entered string in their item description

field. For example, if you enter "playing", the album Netsky will be displayed.

Section 4: Manager Logon and Review

- [] 05 18. The manager can log on to the site. Specifically, manager_number 100 can log in with passwd 'luigia', and this is checked in the database.
- [] 05 19. The manager can view the contents of all the database tables but only when logged in.
- [] 05 20. For a new order, a delivery date three days in the future is recorded in the database. This will be checked by ordering an item and then from the manager page looking for one new entry in the customer_order table and one new entry in the order_item table. (We assume a customer always orders one item only and there is one customer_order and one order_item for that item.)

Marks

Comments

Explanation of the marking scheme

Consider the line:

- [] 05 18. The manager can log on to the site.

We will check your website on the server to see whether it includes this facility. If so, you will receive 5%. If we cannot verify that it works, then you will not get the marks.

Other important points

NB: Your website *must* include a button on the homepage marked 'Reset DBase' which when pressed calls reset.php which re-sets the database on the server to its original form. We will run this before we begin assessing your site. Remember, we have supplied such a script but you need to include additional lines to generate the data for the eight new items you are going to add (i.e. two books, two CDs, two Games and two DVDs) so that there are six items in each category in total. Also, make sure the script can be run from your site when it is on the server.

After re-setting the database, all the original tables must be present and each table must include exactly the original rows of data, plus your new rows as above.

You *must* use PHP and Apache httpd for your website, exactly as done in the labs. You may not use JSP, ASP etc. You may not use jQuery, Ajax or any other third party libraries except those explicitly covered in the lab sheets and taught in the lectures. You may not use any frameworks. All code must be your own work, typed in by you personally, but you may use code from the examples given in the lectures and labs. You may not use Dreamweaver or any similar software for any part of the assignment.

We may call you for interview before the end of term to answer detailed questions about your assignment. We will contact you if this is necessary.

You must upload the .zip of your assignment to the Faser system by the deadline. The .zip file should be the contents of m:\apache24\htdocs. No Faser upload will mean no marks, so be sure to upload to Faser! However, the marks you get will be entirely dependent on what is working on csee5. Nothing working on csee5 will mean no marks.