

Assignment #5 – PHP/MySQL Project

Due: Monday, 07/30/12, 11:59pm

If you are working in a team for your project, then you can turn in one design document for this assignment. In addition, you need to pick one database to use, as well as a pick who will host the website. Please, supply all the names of people involved in your project and where the website will be located, i.e. `web.engr.oregonstate.edu/~username`. You can choose to host your own database and website, if you don't want to use onid and engr☺

(20 pts) Now, you should have a list of requirements, an ER diagram, the relation schema, the MySQL statements for creating tables, user-driven questions, relational algebra, and MySQL query statements. Use this template: [cs275-final-project.docx](#) as a guide, and construct one cohesive document with the information you from previous assignments, as well as the user interface in this current assignment. **Using the template provided, you will be graded on completing sections 1-3.**

(50 pts) Begin designing the interface for your website that is going to interact with your MySQL database. You may need to draw sketches of the interface by hand to guide your actual web page development, but for this assignment, you do need to write the HTML, capture screen shots of the actual web pages, and incorporate these screen shots into the design section of your project document.

Create the html pages for your site, which includes the links and forms. Begin with **index.html** for your home page, and create the appropriate pages from there. Create the PHP script(s) that the pages with forms are calling, i.e. if you have:

```
<form action="processorder.php" method="post">
```

in index.html, then you will want to create a processorder.php script that **prints a page with a title, any html text/forms to be displayed, the values from the incoming variables, and the screen shot of the database** that you will be interacting with. This is an iterative process to web development, and you want to make sure you capture the basic functionality of your application before moving on to the next step of interacting w/ a database.

Important links to make your life easier:

- Map a network drive: <http://engr.oregonstate.edu/computing/personal/110>
- Campus VPN: <http://oregonstate.edu/helpdocs/vpn-campus-access>

Good HTML Documentation:

- Why w3schools is a bad reference: <http://w3fools.com>
- <http://w3fools.com/#what-should-be-done>
- <http://htmldog.com/>

(30 pts) If you haven't done so already, make sure your ONID MySQL database is created and populated with the tables and insert statements you developed in Assignments #4. **Now, execute the MySQL queries you wrote in Assignment #4 to answer the user-driven questions, and take a screen shot of these results, after you execute each query.** Save these screen shots to the same location as your html pages (or in a pictures directory) on the ENGR server. You will use these as an "Under Construction" image for your html/php pages for now, and this will give you a good starting place for the query to use in your php code.