

PHP – CPL Skills Demonstration Project

Due: 4 weeks from start of CPL request.

Total Points: 300

CPL – Skills Demonstration Project

- Request CPL via your Admissions Advisor or Academic Advisor.
- Website address and FTP credentials will be sent via email.
- Upload your HTML, CSS and JavaScript files to the supplied NWTC web server.
- The website (FTP and HTTP) can be accessed from off campus.
- You will work on this project independently and not in the NWTC Assessment Center.
- You will have 4 weeks to complete the Skills Demonstration Project.
- Once you have completed the project submit the address to the supplied NWTC website.
- Then notify Robert Buchholz robert.buchholz@nwtc.edu that the project is ready for grading.
- Do not upload files via Blackboard your files will be reviewed on the supplied NWTC website.

Summary

Create a website with a public and admin sections. The content and concept will be created by you. The public area will display content retrieved from the database. The admin section will function as a content management system (CMS). Admin users will be able to login add new, modify and delete content.

Grading Rubric

Universal

01.	12	Location On your subdomain on the bitweb1 server. /php/final-project/
02.	12	Includes (new files) ◦ Use include files for: header, footer and sidebar if needed.
03.	12	Main Navigation ◦ Show: Home, About Us, and Contact Us ◦ Final Project will not have links to your assignments
04.	12	Footer Section ◦ Create link to the admin section
05.	12	Valid HTML All pages valid HTML
06.	12	Valid CSS

		<ul style="list-style-type: none"> ◦ Design your own site ◦ All pages valid CSS
07.	12	.htaccess <ul style="list-style-type: none"> ◦ .htaccess: Prohibit access to directories that do not have a default file type. ◦ .htaccess: Redirect 401, 403 and 404 errors to a custom error page. ◦ .htaccess: Password protect the admin register page.

Database

01.	12	Database: users (new table – use a prefix eg. fp_users) <ul style="list-style-type: none"> ◦ Create users table to store admin users.
02.	12	Database: items (new table – use a prefix eg. fp_blog) <ul style="list-style-type: none"> ◦ Create items table to store the items/products/content that you are going to show. ◦ Items is a generic term name your table to match your concept. ◦ Store primary key from images table as a foreign key.
03.	12	Database: images (new table – use a prefix eg. fp_images) <ul style="list-style-type: none"> ◦ Create images table to store images. ◦ Store file name and caption ◦ Use primary key as a foreign key in the items table.
04.	12	Database: about_us (new table – use a prefix eg. fp_about_us) <ul style="list-style-type: none"> ◦ Create about_us table to store About Us page content.

Admin

01.	12	Admin Register: admin/register/register.php <ul style="list-style-type: none"> ◦ Password protect register directory with .htaccess and .htpasswd ◦ Register new user form. ◦ Password Require: ◦ 10 characters ◦ Mixed case ◦ Numbers ◦ Symbols
02.	12	Admin Login: admin/login.php <ul style="list-style-type: none"> ◦ Login form: use: fieldset, legend and labels. ◦ Send users to admin/index.php when successfully logged in.
03.	12	Admin Logout: logout include file <ul style="list-style-type: none"> ◦ Use include file to on all admin pages to logout.
04.	12	Admin Home: admin/index.php <ul style="list-style-type: none"> ◦ Check if authenticated user via sessions, if not redirect to admin/login.php. ◦ Add New Item: link to admin/new.php. ◦ List items with links to admin/edit.php and admin/delete.php for each item. ◦ Edit About Us Page: Link to admin/about.php (page to edit the About Us content).
05.	12	Admin New: admin/new.php

		<ul style="list-style-type: none"> ◦ Check if authenticated user via sessions, if not redirect to admin/login.php. ◦ New form (create new item): use: fieldset, legend and labels, use: error checking, use: sticky forms. ◦ Image section: choose an image from uploaded images or upload image and create a thumbnail.
06.	12	Admin Edit: admin/edit.php <ul style="list-style-type: none"> ◦ Check if authenticated user via sessions, if not redirect to admin/login.php. ◦ Edit form: use: fieldset, legend and labels, use: error checking, use: sticky forms. ◦ Image section: choose an image from uploaded images or upload image and create a thumbnail.
07.	12	Admin Delete: admin/delete.php <ul style="list-style-type: none"> ◦ Check if authenticated user via sessions, if not redirect to admin/login.php. ◦ Delete form: use: fieldset, legend and labels, use: error checking, use: sticky forms.
08.	12	Admin About Us: admin/about.php <ul style="list-style-type: none"> ◦ Check if authenticated user via sessions, if not redirect to admin/login.php. ◦ Form (populate with existing about us content): use: fieldset, legend and labels, use: error checking, use: sticky forms. ◦ User enters/edits content for the about us page.

Public

01.	12	Home: index.php <ul style="list-style-type: none"> ◦ Display content retrieved from database. ◦ Display short version of the content (use technique to limit content displayed on the page). ◦ Display item's thumbnail image. ◦ Items will have a view more information link that will take the user to a detail page.
02.	12	Item Detail: detail.php <ul style="list-style-type: none"> ◦ Use the GET query string to query the database and retrieve item details. ◦ Display item from DB. ◦ Display a full description. ◦ Display full size image. ◦ Page title element value based on item name.
03.	12	Contact Us: contact-us/index.php <ul style="list-style-type: none"> ◦ Contact Form: Name, Email, Message (use fieldset, legend and labels). ◦ Validate name and message check if empty. ◦ Validate email address. ◦ Use Google reCAPTCHA. ◦ Send email to robert@nwtc-web.com include their original message. ◦ Subject Line of email must match concept of final project. ◦ After sending the email redirect user to thank you page.
04.	12	Contact Us – Thank You: contact-us/thank-you.php <ul style="list-style-type: none"> ◦ The page the user sees after successfully completing the contact form.

05.	12	About Us: about-us/index.php <ul style="list-style-type: none">◦ Display about page content/information from database (new table).◦ Also – Feature one item from your home page items.◦ Using a random select method.◦ Item changes every time the page loads.◦ Create a link to the detail page of the featured item.
06.	12	Missing: missing/index.php <ul style="list-style-type: none">◦ The page users are sent to when a 401, 403 or 404 error happens.