JOHN ABBOTT
CEGEP/COLLEGE

Centre for Continuing Education

420-P75-AB

PHP PROGRAMMING

Final Project   **Due: April 1st, 2020 at 6pm**
Worth: 50%   **Late policy: No late assignments will be accpeted**

This project is to design, develop, publish, and maintain a PHP web site using recommended design practices.

You can work in teams, max 4 members, to prepare final project. You should use all techniques covered in the previous courses such as HTML, Cascading Style Sheets, JavaScript and Web site Design. You will work on a php quiz.

Your final project should have some level of interactiveness. Give the chance to the users to interact or to participate in quiz in some way. An administrative backend to view or administer the information collected by your quiz. You will determine the type of quiz and end results of your quiz,

Before starting to design a Web site, it is important to spend some time planning the site. Begin with a plan, create a wireframe and sample page sketches, assemble the outline of the site and create a storyboard. Any and all planning materials should all be handed with your final project files.

An easy way to make sure everything flows and is simple to navigate is to storyboard your Web site. It allows you to see what information goes where and how your site will be structure as well as how the site navigation needs to be set up and avoid you having to redo the structure multiple pages.

- Collect the information that you want to include on the Web site.
- Sort the information into topics. This should help organize your navigation
- For each page of the Web site, determine page title, meta tags, possible sections, sub-sections and content.
- Plan the structure of the information and how the pages will link.
- Layout the menu and navigational structure of your Web site
- Layout your template page. The main structure of the pages of your Web site.
- Test the layout. Imagine that you can enter on any page. Does it work? If not, start again.

Your project is to include as many of the PHP, HTML, CSS, JavaScript features discussed and used in previous courses. It should have a minimum of 5 questions and adapted so that it works equally well on a desktop computer, tablet, or mobile phone (responsive!).

You can create anything you think would be necessary for your quiz. If working in a team, your quiz should be designed as a team project, and not individual pages built by different people and throw together at the end.

You will present your website to the class on Wednesday, April 1st, 2020 shortly after the deadline. For your presentation you should be prepared to show and demonstrate your quiz to the class, explaining the purpose behind each page/section as well as the overall purpose and goals of the quiz.

Deliverables

You are expected to hand in the following in your final submission.

- Entire Web site source files (HTML, CSS, JavaScript, PHP, etc…).
- A document describing your systems's information
  - Overall Goal of the quiz
  - Purpose of each question
  - Audience targeted by your Web site
  - What stats, if any, are kept and tracked
  - Project description - major points of your Web application that make it the best at what it does
  - Two (2) ideas about how you could improve your website
- Web site's flowchart
- Wire frame originally designed for your Web site
- The pages of content pages will include at least:
  - Appropriate titles and meta tags on each page,
  - One External CSS document
  - One External JavaScript document
  - A print button that will produce a print-ready version of the information

Grading

Your grade will be based on the following criterias:

PHP (40%)
content, formatting, functions, forms, MVC, database connector, external libraries, etc…

MySQL (10%)
Database structure and efficient query usage

Error Handling (5%)

Security (5%)

Content (5%)
Spelling, punctuation, grammar (allowed to submit in French or Enligsh or both)

SEO (5%)

Graphic and images (5%)

JavaScript (5%)

Valid HTML and CSS (5%)

Layout (5%)

Overall Quality (10%)