

Final Project

Requirements:

The goal of this project is to create a website using basically client side programming and server side for bonus. In particular, it requires knowledge of HTML, CSS, JAVASCRIPT, BOOTSTRAP (bonus PHP and MySQL)

The website needs to be *responsive* and it must offer a good *user experience*. It is also desirable that your website has a user-friendly interface as possible. For that reason, you can take advantage of effects and / or graphics capabilities Bootstrap and jQuery offers you.

This webpage must be different from the ones you have created before! You are free to choose a subject of your webpage. Below are some ideas but **you are free to choose another subject**.

Ideas:

E-learning web site

Book store

A site of an organization...

Designing your project

Before coding it's a good practice to search for similar websites, collect ideas (and design the tables required for your database if you are creating a dynamic website)

Project structure

Create a folder structure to support your web page. A well-designed folder structure always help you quickly navigate to your files.

Your project has to contain the following:

At least 5 pages

- **A responsive navigation bar** with a dropdown
 - Best practice here is to create one navigation bar in a php file and include it in all pages.
- **Home page** which must include
 - bootstrap grid system
 - Responsive images
 - Parallax effect
 - Footer
 - In the footer add a button that slides up the page using jquery slowly.
 - Carousel

➤ **Contact Page**

- Contact form (you do not need to have php here, it is good for you if you do so)
- When the user fills the form, if they leave an input field empty, add some red border when they click outside of the input field. Red border must be added **before** send button is clicked.
- A map
- Contact details displayed in *table or list*

➤ **Quiz page**

- In one page create a quiz that on submit will display some results to the user. Use Javascript here
- A dynamic progress bar should be displayed with the score
- Once submit is clicked, it must also be **disabled**
- Once submit is clicked, another button “retry” must be created dynamically with javascript
- When “retry” is clicked: form is reset, button “submit” is enabled, button “retry” is deleted again
- A counter that counts the time user takes to press submit button.

➤ **About us page**

Requirements:

- At least one external css file with your code in it.
- At least one external js file with both pure javascript and jQuery. Functions need to be included in your js code
- Use semantic elements in your html pages
- One bootstrap modal in one webpage

Extra : Register/Login page: this is not required!

Good Luck!