# Web Development – Final Project

A00992498 – Vitor Ubukata

# Instructions

The web site must include the following elements:

1. 12 to 20 pages interlinked
2. a clear topic that is readily apparent on the home page;
3. a "clickable" site map or site index (i.e., supplemental navigation); **Note: this should be a separate page - it is not your navigation menu;**
4. at least 5 images (text header, buttons, photos, etc.);
5. tables, either for layout purposes or as part of content;
6. text and presentation elements using CSS;
7. a working web form;
8. a link to your (valid) email address;
9. at least one JavaScript element (pop-up windows, image swapping, etc.);
10. at least one PhP script.
11. enter the URL link (not plain text) to your website in the comment section of your dropbox in D2L **including a checklist** (in a Word document) showing how you've met all the requirements above (more below).

# Checklist

Here is how I accomplished each item in the instructions:

1. **12 to 20 pages interlinked**

I developed 15 pages in total, all of them can be checked in the Site Map (<http://students.bcitdev.com/A00992498/assignments/final/site-map.html>) and all pages are interlinked via menu or links at the end of the page. Since it is a tutorial, for each section there is a link for the next lesson.

1. **a clear topic that is readily apparent on the home page;**

My topic is clearly identified in the main page; all my project is a tutorial for the MEAN Stack development but unfortunately, I am not able to finish this tutorial until the due date of my final project, but I will keep adding here according to my studies and I did as much as I could. Most of the text I wrote and that consumed me so much time.

1. **a "clickable" site map or site index (i.e., supplemental navigation); Note: this should be a separate page - it is not your navigation menu;**

The site map can be found in the top menu last item and at the bottom left side in any page of the web site.

<http://students.bcitdev.com/A00992498/assignments/final/site-map.html>).

1. **at least 5 images (text header, buttons, photos, etc.);**

In the main page 4 images can be already found. In the MongoDB and Node.js installation section more images were used for the tutorial.

Pages:

<http://students.bcitdev.com/A00992498/assignments/final/>

<http://students.bcitdev.com/A00992498/assignments/final/mongodb/installation.html>

<http://students.bcitdev.com/A00992498/assignments/final/nodejs/installation.html>

1. **tables, either for layout purposes or as part of content;**

Tables were used to show from-to information, you can find it in the About and Operators pages of the MongoDB for example and in more pages.

Pages:

<http://students.bcitdev.com/A00992498/assignments/final/about.php>

<http://students.bcitdev.com/A00992498/assignments/final/mongodb/operators.html>

1. **text and presentation elements using CSS;**

In the main page the first sentence is highlighted using CSS and the h1,h2,h3 also use the CSS for presentation. I also used a font from google called Ubuntu (<https://www.google.com/fonts/specimen/Ubuntu>) in all pages.

1. **a working web form;**

One form was developed in this project, it can be found in the About page of the project and its functionality is to send me a message, in this case an e-mail.

Page:

<http://students.bcitdev.com/A00992498/assignments/final/about.php>

1. **a link to your (valid) email address;**

A link for my email can be found at the bottom of every page through the Email icon, close to the others social network icons.

<http://students.bcitdev.com/A00992498/assignments/final/about.php>

1. **at least one JavaScript element (pop-up windows, image swapping, etc.);**

Every page that I needed to show code in a more user friendly way I use one plugin called Code Mirror (<https://codemirror.net/>) and every page that uses it contains a JavaScript file called main.js.

In this JavaScript, I coded it to wait until the page is loaded and them search for elements that contains the class “code-mirror” and “code-mirror-html” and for each element I initialize the plugin on the textarea element.

Pages:

<http://students.bcitdev.com/A00992498/assignments/final/mongodb/managing-collections.html>

<http://students.bcitdev.com/A00992498/assignments/final/mongodb/update-options.html>

1. **at least one PhP script.**

Since was just one PHP script that was needed I putted it in the About page to make my form work to send me an e-mail. I needed to search in the internet to see how could I do it.

<http://students.bcitdev.com/A00992498/assignments/final/about.php>

1. **enter the URL link (not plain text) to your website in the comment section of your dropbox in D2L including a checklist (in a Word document) showing how you've met all the requirements above (more below).**

Here is the link for my final project: <http://students.bcitdev.com/A00992498/assignments/final/>