Responsive Web Design Project

Overview

Create a website that presents a variety of information about a non-English-speaking country (i.e., a country in which English is not an official language) of your choice. The idea is to enable a user to explore different aspects of that country in the form of samples.

The project can be done in pairs (groups of 2).

Site Content

Your website must have information in all of the following categories, as well as any other information you wish.

- History - country history, biography of a famous leader, description of an important event, etc.
- Location - world location, country size, borders, etc.
- Important Cities or Regions
- Demographics - population, ethnic groups, religious groups, language groups, etc.
- Climate - weather patterns, seasons, temperatures, etc.
- Famous Landmarks/Sites
- Date and Time - time zones, holidays, etc.
- National Symbols - flags, animals, flowers, etc.
- Famous People - politicians, entertainers, writers, etc.
- Natural Features - forests, rivers, deserts, mountains, etc.
- Culture - music, art, dance, cuisine, crafts, traditional vocations, etc.
- Economy - main industries, trading partners, currency, etc.

Some of the categories above are naturally suitable to textual information (e.g., History, Economy, ...); others to images (e.g., Famous Landmarks, National Symbols, Natural Features, ...); others to combinations. You can even include audio and video if you want, but it is not a requirement.

Layout and Design

- You don't have to organize your site according to the twelve types of content listed above; it can be any organization you want.
- There must be at least five pages.
- There must be a consistent navigation scheme on all pages.

- All pages should use a consistent design scheme - colours, graphics, lines, etc. - so that the user always knows that he/she is on your site.
- At least one page should contain a large amount of text.
- At least one page should contain an image slideshow.

Responsive Design

Your site must be designed for at least three screen sizes: mobile (small), tablet (medium), and desktop (large). The site content must automatically adjust to changing screen sizes.

In addition, you should implement responsive typography, responsive image sizes, and other sizing/layout features that we have learned about in this course. (For example, don't clutter up the mobile screen with a sidebar; use a drop-down or slide-out instead.)

Bootstrap

Your site must incorporate each of the following Bootstrap components:

- Navigation Panel(s)
- Slideshow/Carousel
- Cards
- Responsive Typography
- Responsive Images
- Drop-down Lists
- Tooltips
- Collapsible Content

Deliverables

Site Design (due Monday, January 27, 2020 at the beginning of class)

1. Country Choice and Team Members
2. Mockups of your site's pages. Show the general layout idea for three of your pages in the the three required sizes (nine mockups in total).
3. Sample of one of the required Bootstrap components.

Complete Project (due Friday, February 14, 2020 at 11:59pm)

1. Your site's home page should be called "index.html".
2. Put everything inside a folder, zip the folder, and submit the zip.
3. Make sure that everything works when the zip file is unzipped. Email it to a friend and ask them to test it.

*** The End ***