

# Practice 4

Develop a Prototype of a Website using *Bootstrap 4*

## Introduction

Develop a prototype for the project you created in P1 using **Bootstrap 4** in three steps:

- 1) Develop a **Prototype** of your project / improve it according to the correction of P1
- 2) Create a **Style Guide**
- 3) **Upload** your site to a **(free) web server**

Optionally, you can create a different project, but it has to be some kind of online shop and meet all the requirements

## 1.-Developing your prototype: Requirements

Create a prototype of the mockup you designed in [P1](#) using [Bootstrap 4](#).

As you surely remember, the 7 pages that you created in your mockup were:

1. Home Page
2. Page of a category
3. Page of a subcategory
4. Page of a product
- ~~5. Cookies Policy Page~~
- ~~6. About Page~~
7. Login/Register Page
8. Shopping Cart Page

You do **not** have to implement the pages that have been ~~crossed out~~ !

You have to use at least once in your prototype every one of these graphical elements:

- [Badges](#)
- [Carousel](#) to show the products on promotion or discount
- [Cards](#) to create an element of a list of products
- [Custom Forms](#) to implement filters of the products
- [Forms](#) to create the Login & Registration forms
- [Grid](#) to show a list of products and [Pagination](#)
- [Icons](#) to implement the icons

- Images to implement the images of the lists of products, for instance
- [Modal](#) that shows up when the user hover/clicks on the shopping cart icon in the header. (There should be at least 1 product in the shopping cart).
- [Navbar](#) to create the menu or menus of your website
- [Tables](#) to lay out the Shopping Cart
- [Typography](#)
- Some kind of Bootstrap [Validation](#) of Forms (Required fields, email field, etc.)

### Extra considerations:

- The menu has to contain the complete set of **categories** and **subcategories**
- In the menu, only 1 category will have a real link to the only page of a category you have to implement
- In the submenu, only 1 subcategory of that category will have a real link to the only page of a subcategory you have to implement
- In the lists of products that you create, you only need to show one product. That means that if your list has, for instance, 24 products, the 24 products can be identical and must be linked to the only page of product you need to develop
- The pagination is *fake* and doesn't need to be linked (you're just creating a Prototype after all)
- Remember that you only need to create 1 page of product for your prototype

## 2.-Style Guide

You have to complete the style guide you created in P1 (or create a new style guide if you're creating a new project).

Since now you're going to design a prototype, you can specify in your style guide a lot more information about your project. The Style Guide will have a minimum of 6 pages and a maximum of 10 pages.

You have to export your style guide in a file named **Style\_Guide.pdf**

## 3.-Upload the site

You have to get a (free) web server online and upload your site there.

As it's explained in the following section, you'll have to write the url of your website in the README.MD file of your Github Repository.

Test that the website of your project works correctly before you hand over the project!

Remember to use [BootstrapCDN](#) in your project to avoid having to upload Bootstrap libraries online.

[Best free web hosting in 2018](#)

[How to upload your website using a FTP program](#)

## How to hand over this practice

To hand over your project:

- 1) Upload your project and your guide style in a private Repository in **Github**
- 2) In the main directory of the Repository, the main file must be named **index.html**
- 3) Also upload the Style Guide file **Style\_Guide.pdf** on the repository
- 4) In the README.MD file of your Repository, write the URL of the website of your project
- 5) Insert in [this document](#) the URL of your Repository

Here you have a [sample of how the repository has to look like](#) (of course you'll have to add images and extra files that are not in the sample repository)