**HOMEWORK 3**

**BOOTSTRAP, JAVASCRIPT. AJAX, APIs, JSON**

The third homework is in a way a continuation of HOMEWORK 2.

Now that You have initial design, elements and styling, time to upgrade it:

1. Style Your pages with bootstrap, so that it would be responsive and fluid, [3]
2. Beautify your web pages by using bootstrap forms, cards, sliders [2]
3. Add logic to Your code (Javascript):
   1. Prompt a message if user does not fill the form properly, prompt if submission was successful [0.5]
   2. When user clicks on specific product, create an overlay with detailed information about that product. If You are developing not a shop, think where You could create overlay. [0.5]
   3. Create collapsible divs and transitions: for example, make a div appear when user scrolls down (the content becomes visible only then), add information in such form, that user must click for that information to be visible. [1]
   4. Perform some action (DOM events) for 10 different events [1]
   5. Create functions and call them (for example calculate total price, send email, etc.)[1]
   6. Create and use objects to store information [1]

Let’s imagine that You have set up Your own database and web server, have several endpoints to fetch some data:

1. Create a new html page that will store the returned data or add a section to an existing page to store the returned data. [1]
2. Make 2 different API calls (You can choose any that You desire, <https://github.com/public-apis/public-apis> )[1]
   1. One call returns a list of objects.
   2. Another call returns some specific result.
3. Parse the retrieved data.[2]
4. Add data to the page:
   1. Dynamically generate the page contents with data from api;[4]
   2. Use bootsrap or Your won styling for generated content;[2]