

WEB PROGRAMMING PROJECT

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Deadline for submission on Moodle: May 29, 2021

Please read carefully before starting the project

Subject

You must create a Website on a topic of your choice using HTML, CSS and Javascript, **without frameworks or third-party libraries**. Prefer an original subject, but you will not be judged on the choice of the subject.

Guidelines

Your site must meet the following guidelines.

It must include :

- **A home page** allowing you to get an idea of the Website content and to navigate to the other pages, with a **page header** containing the title of the Website, as well as the navigation bar to the main pages and a footer containing a navigation bar with a link to the "About Us" page.
- **An "About Us" page**, which will contain the names of the student members of the project as well as a short presentation of the work done by each member, and anything else you think is worth mentioning.

- **Main content** containing various sections and/or articles about the topic, divided into four separate pages. All pages **must include the header and footer** of your Website,
- One of the pages of the Website must include **a form** allowing the user to fill in **a table of data** dynamically using javascript.
- You can also use javascript to modify the behavior of the pages elements, add or modify sections in a page, etc. Creativity will be well rewarded.
- The navigation on the Website must be easy using the **hyperlinks** you will add to your pages.
- The Website must be displayed correctly on **mobile devices** using responsive design (including media queries and viewport).

In addition to compliance with the guidelines, the following elements will be evaluated:

- Your work will be evaluated according to the quality of the code (readability, cleanliness, indentation, documentation).
- All pages must be W3C valid.
- Content (text, images, etc.) can be taken from various sources, as long as they are cited.
- Feel free to help each other, but do not copy the code of others. We will be strict with fraud.
- Creativity is highly appreciated and will be well rewarded.

Grading scales

The number of points can be modified if necessary.

- **Functionality: 12 points**

- Presence of the requested pages (home page and About Us page): 2.5 points
- Presence of the header and footer of the Website: 2.5 points
- Presence of at least 4 pages of content: 2 points
- Presence of a form: 2.5 points
- Dynamic filling of a table: 2.5 points

- **Appearance and usability: 8 points**

- Accessibility, ease of navigation, adaptability: 2 points
- Code quality (indentation, comments, choice of function and variable names): 3 points
- Graphic design: 3 points

- **Bonus and malus : between -4.5 and +4 points**

- Malus for not respecting the rendering guidelines: between -2 and 0 points
- Malus for the non-validity of the HTML : between -1.5 and 0 points
- Bonus-malus for : citing sources, display problems, effort in handling the subject, etc.): between -1 and +1 point
- Bonus for additions and extra features: between 0 and +3 points