Graded Activity (GA)	**Markup Languages and Information Management Systems** U1.GA6. HTML & CSS Project

Objectives of the activity:

The objectives of the activity are:

- Put into practice the knowledge acquired about HTML and CSS in an integrated way

Timing:

The expected duration for this activity is 5 sessions of 55 minutes and / or work at home

Statement of the activity:

The project consists of making a website on a topic of your / your interest. In principle , **the project will be carried out in pairs**.

0. **Project code must be hosted in a remote Git repository (e.g. GitHub) from the outset**, so that the inputs and changes made by each person are reflected. The different branches created will not be deleted except for specific needs. The Git repository must be reliable proof of the development carried out by each one.

1. The first step will be to choose the **content or theme you want to show** in it.

2. Secondly, **think and sketch the design (basic structure, style guide, basic colors ...).** Make an initial sketch using a tool like Ninja Mockup (https://ninjamock.com/) that you must attach to the work.

3. Implement the initial layout of the page using a **CSS framework such as Bulma.io** (https://bulma.io) or **Tailwind CSS** (https://tailwindcss.com/).[1]. You want to get a website that is displayed properly on both mobile devices and desktop.
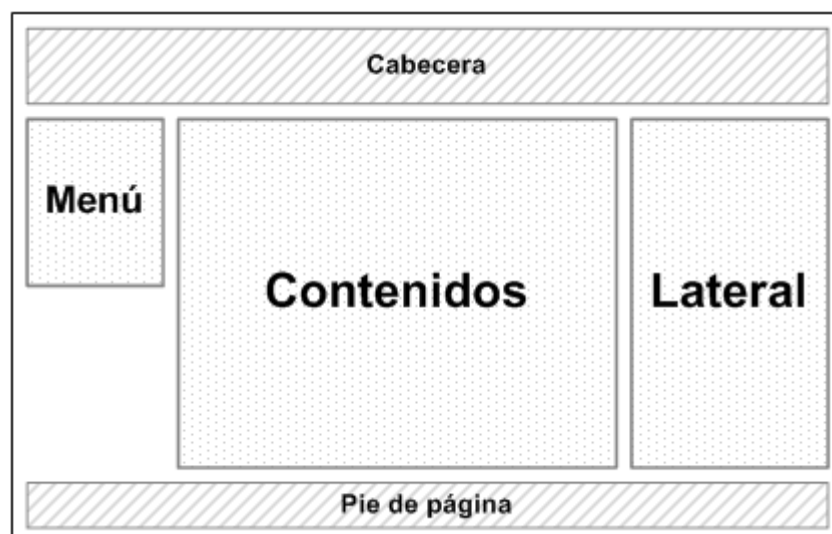
---

[1] Choose one or other, not both.

4. You can **include the content and items you want**. To do this, you can use already created code that you can find on the Internet as long as you clearly indicate it in your work.

5. Once the website is finished, you must **sign up for a free hosting service and upload the page to said hosting. For example, in https://www.000webhost.com/** .

Features that the website must have made

1. The website must have **at least 5 web pages** linked to each other.

2. All pages of the website must be **valid by the W3C validator**.

3. The layout of the pages made must have at least the following components:

   o **Header** that includes all the invariant elements at the top of the page (logo, image or banner, top search box, etc.)

   o **Content** encompasses the main content of the site (the news zone, the article zone, the product area, etc. depending on the type of website)

   o **menu** is used to group all items in the vertical or horizontal navigation menu on the page

   o **Footer** that includes all the invariant elements at the bottom of the page (copyright notice, privacy policy, terms of use, etc.)

   o **Sidebar** is used to group the elements of the side and child columns of the page.

(The above layout is illustrative. You can vary it)

4. Extensive use should be made of the HTML tags studied.

5. There must be some sorted and unordered list.

6. Images should be included.

7. There must be at least one table.

8. There must be a form that sends the data

9. All pages must have a favicon.

Documentation to be delivered

- **Link to the private GitHub repository (the teacher will have been invited to view and evaluate)**

- The **URL of the page where you have hosted the page.**

- **Mockup or sketch made by NinjaMockup** or some similar tool.

- **Brief document** where the page will be described and the origin of the extra codes that we have included in our website (menus, Javascript, PHP ...). This project should also explain the process we have followed to upload the page to free hosting.

- **Screenshots showing the validation** of each of the pages (the URL of the page must appear).

All files will be delivered within a compressed file .zip.

Evaluation of the activity:

For the evaluation of the activity, the degree of achievement of a design as professional as possible in the terms specified above will be taken into account.

Qualification criteria
- All points are made, complete and error-free: 10.
- Not all points are achieved: up to 6 points less.
- Know and expose the steps carried out in a clear and structured way: 0 points less.
- He knows the steps but his presentation is not clear or structured: up to 1 point less.

- There are parts that you do not understand or do not explain correctly: up to 5 points less.
- Make modifications safely and clearly: 0 points less
- You have doubts with some modifications: up to 3 points less.

Additional resources:

Slides, activities and resources available in Florida Oberta

Bulma.io: https://bulma.io

Tailwind CSS: https://tailwindcss.com

Autonomous search for information on the Internet