Usability and accessibility

# Design considerations:

* The web HAS TO BE EASY to use.
* Take accessibility into account from the very beginning.
* Take into account the contrast between background and text, it may make your webpage impossible to read
* The information always as TEXT or SIMBOLS never as colour – colour-blindness is real!
* The <h1> to <h6> tags indicate hierarchy not style; so respect the hierarchy, and change the style with the CSS.

# Semantic tags:

|  |  |
| --- | --- |
| **Tag** | **Description** |
| <article> | Defines independent, self-contained content |
| <aside> | Defines content aside from the page content |
| <details> | Defines additional details that the user can view or hide |
| <em> | Defines a section of text to use italic font |
| <figcaption> | Defines a caption for a <figure> element |
| <figure> | Specifies self-contained content, like illustrations, diagrams, photos, code listings, etc. |
| <footer> | Defines a footer for a document or section |
| <header> | Specifies a header for a document or section |
| <main> | Specifies the main content of a document |
| <mark> | Defines marked/highlighted text |
| <nav> | Defines navigation links |
| <section> | Defines a section in a document |
| <strong> | Defines a section of text to use bold font |
| <summary> | Defines a visible heading for a <details> element |
| <time> | Defines a date/time |

# Things to have/remember:

* The lang attribute from the <HTML> tag is used by the reading programs to read the webpage.
* On the <header>:
  + Always use a favicon image.
  + Use a meaningful title inside the <tittle> tag.
* <p>: All text should be inside at least one of this tags, ideally one per paragraph.
* <img> **must have** the attribute alt.
* <ul>/<ol> + li: whenever you want a list put it inside this.
* If you want a form use the tags: <form>, <submit>, <reset>
  + Every <input> tag must have its <label>
  + Use <fieldset> and <legend> to group elements of a form and give Title to it. This way the users know where they are and what they’re doing.
* *aria-label* es un atributo de los botones que nos permite dar más información para el lector de webs
* *aria-labelledby* es un atributo de los botones que nos permite usar el identificador de un párrafo para dar info.
* *tabindex* es un atributo que podemos añadir a cualquier etiqueta para añadir la propiedad de focus a esta y que se pueda leer usando programas de lectura de pantalla