**Setup HTML. Structure. Anatomy**

HTML provides structure to the content appearing on a website, such as images, text, or videos. HTML stands for HyperText Markup Language.

A *markup* language is a computer language that defines the structure and presentation of raw text.

In HTML, the computer can interpret *raw text* that is wrapped in HTML elements.

*HyperText* is text displayed on a computer or device that provides access to other text through links, also known as *hyperlinks*.

1. **HTML Anatomy**

A picture containing timeline

Description automatically generated

* Opening tag: First HTML tag to start an element.
* Content: The information (text or other elements) contained between the opening and closing tags of an HTML element.
* Closing tag: Second HTML tag. Closing tag has a forward slash / inside of them, directly after <

1. **HTML structure**

HTML is organized as a collection of family tree relationship. When an element is contained inside another element, it is considered the child of that element. The child element is said to be nested inside of the parent element.

Child elements can inherit behavior and styling from their parent element. This will be more important when we start digging into CSS.

1. **Comments**

Comments begin with <!-- and end with -->

<!-- This is a comment that the browser will not display. -->

1. **<!DOCTYPE html>**

Now let’s learn how to set up an HTML file. We need to first **let the web browser know that we are usign HTML** by starting our document with a*document type declaration.*

**<!DOCTYPE html>**

This MUST be the first line of code in our HTML document. It tells the browser what type of document to expect, along with what version of HTML is being used (referring to HTML5).

1. **The <html> tag**

The first line provides the type of document to expect, and the HTML version to expect. However, it doesn’t add any **HTML structure or content**.

To create HTML structure and content, we must add opening and closing <html> tags after declaring <!DOCTYPE html>.

<!DOCTYPE html>  
<html>  
 //The whole file  
</html>

Anything between the opening <html> and closing </html> tags will be interpreted as HTML code.

After setting up the file, our program will happen inside the <html> tag. There will be 2 main tags, <head> and <body>.