**Theoretical Assignment of Web User Interface**

1. **Explain responsive web design.**

Responsive web design involves designing and developing websites for coming up with a website with a good layout viewing experience, through using a range of devices such as computers, smartphones and others .We use some programming languages for designing such as CSS (Cascading Style Sheet)and developing websites such as HTML(Hyper Text Markup Language).

1. **How media types in CSS work?**

Media types a feature that allows styles to be applied based on different types of devices like desktops and phones ,this means that the style applied may look different depending on the device the style is displayed differently depending on the device displayed due to difference in screen size like the one for a phone is not the same as the one for a desktop .So this is when media types comes by specifying the style of different media by **specifying the media query.**

1. **What are the CSS frameworks?**

CSS frameworks are CSS code libraries that provide pre-defined styles in short the function of CSS frameworks is to simplify and and advance web development to ease the work developers they include typography,navigation styles and others .Some CSS frameworks include Bootstrap ,Foundation,Tailwind CSS and Bulma.

1. **What is a CSS selector?**

CSS selector is the HTML element name at the start of the rule set.It defines the element(s) to be styled ,the selector can target elements based on their tag name ,class,ID,attributes and relationship to other elements .Note that the selectors are written differently such as ID are written #{ID\_name} while classes we use .{class\_name} and others .

1. **What is the use of CSS Opacity?**

CSS Opacity is a property that involves controlling the degree of transparency of elements in a web page. Opacity is mainly used in newspapers when they want the reader to pay as he/she reads by decreasing the degree of see-through as he /she scrolls .In additional CSS opacity is used by Web developers when they want they are designing their websites so as to have a good layout view.