Week 3: Responsive Design

CSEC-W
October 24, 2017

Last week: CSS

Responsive Design

Responsive Design

➔   Allows your website to look good on all kinds of device ranging from a phone to a desktop

➔   Make sure your website displays the same information for every device (do not leave out content for certain devices)

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News
About Us
Resources
Team
Contact
CSEC
Dashboard
Logout

CS
EC
W

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Menu ☰

CS
EC
W

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Mobile-First

Develop your website with a mobile-first mindset

viewport

This is the visible area of the current web page for the user

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Viewport Tag

```html
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

Should be put in the **<head>** tag

grid view

Commonly used in responsive websites as it helps divide the website into columns

Makes placing elements on the page much easier

media query

Allows you to include certain CSS properties only in certain conditions

Example

```css
@media only screen and (max-width: 500px) {
    body {
        background-color: red;
    }
}
```

Questions?

CSS Frameworks

Frameworks

➔ Basically prepared stylesheets for easy usage in web development

➔ Contains Javascript components but mostly for design purposes

➔ Allows you to easily layout your website with grids and helps for **responsive design**

➔ Gives you various design components to use that are already styled

Questions?