**Responsive Web**

Making a website responsive means it having the ability to chance the way it looks depending on the device and screen size that the user is viewing it from.

Making the website size fluid (using percentages to dictate the size of the page) can help to make websites look more attractive to more devices and get rid of horizontal scroll bars. However this could cause a problem if the site was not tested on multiple devices because the developer cannot see what the website looks like on every device (Knight, 2009).

With more devices being created such as mobile phones and tablets, websites need to be responsive so that users can easily access them. A website that is designed for a 13” laptop will most likely not look very appealing on a 4” mobile phone.

When creating a responsive website, start off designing the site for a mobile phone and then enlarge it later. There are procedures that a developer must go through to create a responsive website. On a smaller screen it is important to use the space that is available and decreasing the text size will help to save space and make the site look better (Kinlan, 2015).

Due to the size of mobiles devices, a traditional horizontal navigation display may not look as good as it does on a larger screen. Making a navigation bar that changes with the size of the screen can make websites more attractive. Example: <http://css-tricks.com/convert-menu-to-dropdown/>

Media queries allow developers to create a website that can apply a specific style based on the size of the users screen. An example of this is adding a ‘min-width’ query in the CSS code, this will allow the user to change how the website is displayed for browsers that is over the specified amount in the CSS code. I.e. min-width: 500px; any browser bigger than 500px will look a certain way. (Kinlan,

**Bootstrap**

Bootstrap is a front-end framework that developers can use to edit their websites. Bootstrap can be used with all major browsers. Bootstrap 3 has a mobile first grid system that makes creating mobile friendly websites and allows the websites to be displayed on different devices.

**Skeleton**

Like Bootstrap, Skeleton is a framework for websites but for small projects. Skeleton has built in features to make websites responsive alongside the other functionality that it offers its users. This includes buttons, lists, media queries and is all lightweight when it comes to code.

**Example:**



Figure : Twitter.com on a wide screen



Figure : Twitter.com on a reduced size screen

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