

Week 9 Research Assignment

Name 5 different Bootstrap components and describe how they work.

One component is the Alert. The Alert provides a way of sending a message. There are eight possible options for Alerts: Success, Info, Warning, Danger, Primary, Secondary, Light, and Dark. Alerts can contain any text and can also be configured with a 'dismiss' option to close the alert out. The Badge component is a way of labeling something or giving additional information. Possible uses may be to indicate number of notifications or if a item on the page is 'New'. A Modal is a popup that appears on the page. It can be configured different sizes ranging from small to extra-large. A Modal may be used to provide information to a user. The Collapse component is used when you want to hide content and allow users to expand it when needed. This can be useful on a navigation bar when you do not need it to be always displayed. A Card is a content container that contains options for headers, footers, and content. This could be useful when attempting to align multiple images with text about the images on a page.

Sources:

<https://getbootstrap.com/docs/5.2/components/accordion/>

<https://www.w3schools.com/bootstrap4/default.asp>

How does Bootstrap grid system work?

The Grid System allows for up to twelve columns across the page. The columns can be grouped together to create wider columns. The columns range in size from small to extra-large. Since the grid is responsive, the arrangement of the columns will change with the size of the screen. This is useful when formatting your page to have a set of images, etc aligned across the page.

Sources:

https://www.w3schools.com/bootstrap4/bootstrap_grid_basic.asp

<https://getbootstrap.com/docs/5.2/layout/grid/>