04

Components

WHAT YOU WILL LEARN

* Button group
* Card
* Carousel
* Collapse
* Dropdowns
* Accordion
* Modal
* Navbar
* Spinners

Button group

Output -

Graphical user interface, text, application, chat or text message

Description automatically generated

Code -

Text

Description automatically generated

Card

A card in Bootstrap 5 is a bordered box with some padding around its content. It includes options for headers, footers, content, colors, etc.

* Classes-
  + A basic card is created with the .card class, and content inside the card has a .card-body
  + The .card-header class adds a heading to the card and the .card-footer class adds a footer to the card
  + To add a background color the card, use contextual classes (.bg-primary, .bg-success, .bg-info, .bg-warning, .bg-danger, .bg-secondary, .bg-dark and .bg-light.
  + .card-title to add card titles to any heading element. The .card-text class is used to remove bottom margins for a <p> element if it is the last child (or the only one) inside .card-body. The .card-link class adds a blue color to any link, and a hover effect.
  + Add .card-img-top or .card-img-bottom to an <img> to place the image at the top or at the bottom inside the card. Note that we have added the image outside of the .card-body to span the entire width
  + Turn an image into a card background and use .card-img-overlay to add text on top of the image

Output -

Graphical user interface, icon

Description automatically generated

Code -

Graphical user interface, text, application

Description automatically generated

Collapse

Collapsible are useful when you want to hide and show large amount of content

Classes – collapse

* + The .collapse class indicates a collapsible element

JS Attribute –

* + data-bs-toggle="collapse" - To control (show/hide) the collapsible content, add the data-bs-toggle="collapse" attribute to an <a> or a <button> element.
  + data-bs-target="#demo" - Then add the data-bs-target="#id" attribute to connect the button with the collapsible content

Output –

Graphical user interface, text

Description automatically generated

Code Snippet –

Graphical user interface, text, application

Description automatically generated

Dropdowns

Use – A dropdown menu is a toggleable menu that allows the user to choose one value from a predefined list

* Classes-
  + The .dropdown class indicates a dropdown menu.
  + the .dropdown-menu class to a <div> element to actually build the dropdown menu.
  + the .dropdown-item class to each element (links or buttons) inside the dropdown menu.
* Attribute
  + To open the dropdown menu, use a button or a link with a class of .dropdown-toggle
  + the data-bs-toggle="dropdown" attribute
* Output –

Graphical user interface, text, application

Description automatically generated

* Code Snippet

Text

Description automatically generated

Modal

* Use – The Modal component is a dialog box/popup window that is displayed on top of the current page
* Classes-
  + .fade class to add a fading effect when opening and closing the modal
  + the size of the modal by adding the .modal-sm class for small modals (max-width 300px), .modal-lg class for large modals  (max-width 800px), or .modal-xl for extra large modals  (max-width 1140px). Default is 500px max-width.
  + the size class to the <div> element with class .modal-dialog
* Attribute –
  + data-bs-toggle="modal"
  + data-bs-target="#myModal">
* Output –

Graphical user interface, application

Description automatically generated

* Code Snippet -Text

  Description automatically generated

Navbar

* Use – A navigation bar is a navigation header that is placed at the top of the page:
* Classes-
  + A standard navigation bar is created with the .navbar class
  + a responsive collapsing class: .navbar-expand-xxl|xl|lg|md|sm
  + To add links inside the navbar, use either an <ul> element (or a <div>) with class="navbar-nav". Then add <li> elements with a .nav-item class followed by an <a> element with a .nav-link class
* Attribute –
  + data-bs-toggle="dropdown"
* Output –



* Code Snippet –

Graphical user interface, text

Description automatically generated

Carousel

* Use – The Carousel is a slideshow for cycling through elements:
* Classes

Table

Description automatically generated with medium confidence

* Attribute –
  + data-bs-ride="carousel"
  + data-bs-target="#demo"
  + data-bs-slide-to="0"
* Output –

A group of people standing in front of a spaceship

Description automatically generated with low confidence

* Code Snippet -

Text

Description automatically generated

Spinners

* Use – To create a spinner/loader, use the .spinner-border class
* Classes-
  + .spinner-border
  + spinner-border text-muted
  + spinner-border text-primary
  + spinner-grow text-muted
  + spinner-border spinner-border-sm
* Attribute –
* Output –

Text

Description automatically generated with medium confidence

* Code Snippet –

Text, letter

Description automatically generated