Bootstrap

Bootstrap is a free front-end framework for faster and easier web development which includes predefined css and js for responsive web development.

It can be included using a CDN.

Typography

Display headings are used to stand out more than normal headings (larger font-size and lighter font-weight), and there are four classes to choose from: .display-1, .display-2, .display-3, .display-4

Containers

Containers are used to pad the content inside of them, and there are two container classes available

The .container class provides a responsive fixed width container

The .container-fluid class provides a full width container, spanning the entire width of the viewport.

Colors

The classes for text colors are: .text-muted, .text-primary, .text-success, .text-info, .text-warning, .text-danger, .text-secondary, .text-white, .text-dark, .text-body (default body color/often black) and .text-light.

The classes for background colors are: .bg-primary, .bg-success, .bg-info, .bg-warning, .bg-danger, .bg-secondary, .bg-dark and .bg-light.

Some default classes common are: primary,seconary,light,dark,success, warning and danger.

Tables

The .table class adds basic styling to a table

.table-striped - adds stripes on alternate rows.

.table-bordered -adds borders to tables.

.table-hover - adds a table hover effect.

Images

.rounded adds rounded corners

.rounded-circle puts image in a cirlce

.img-thumbnail displays image as a thumbnail (in a border)

.”mx-auto d-block” centers the image

.img-fluid makes the image responsive

Jumbotron

A jumbotron indicates a big grey box for calling extra attention to some special content or information.

.jumbotron

.jumbtron-fluid

Alert

Alerts are created with the .alert class, followed by one of the contextual classes .alert-success, .alert-info, .alert-warning, .alert-danger, .alert-primary, .alert-secondary, .alert-light or .alert-dark

Add the alert-link class to any links inside the alert box to create "matching colored links

To close the alert message, add a .alert-dismissible class to the alert container. Then add class="close" and data-dismiss="alert" to a link or a button element (when you click on this the alert box will disappear).

.fade and .show give a fading effect when closed.

Button

The button classes can be used on <a>, <button>, or <input> elements

btn-primary,secondary…. - give a background filled button

btn-outline-primary, btn-outline-secondary,……. give a outline button

btn-block creates a block level button that has width as of it’s parent element.

.active and .disable indicate status of button

Button Groups

.btn-group groups a series of buttons.

.btn-group-sm groups small buttons.

.btn-group-vertical groups buttons vertically.

Badge

badge- pill to create pill badges

bage-\*- to create \* badges

progress bar

progress-bar gives the progress bar

progress-bar-striped-makes the progress bar striped

progress-bar-animated adds animation to the progress bar

spinners

spinner-border to create a spinner.

spinner-border text-\* to create a colored spinner.

spinner-grow to create a growing spinner.

spinner buttons can also be created.

Pagination

.pagination to parent class

.page-item and page-link to list items and links in them

List group

.list-group - in a list

.list-group-item - in a list item

.list-group-item-\* - to add type of item

.list-group-item-action - gives a hover effect

.list-group-horizontal - groups items horizontally

drop down

.dropdown-menu class to a <div> element to actually build the dropdown menu. Then add the .dropdown-item class to each element (links or buttons) inside the dropdown menu.

.dropdown-divider is used to seperate links in the divider with a line.

adding active and disabled change the status of the link.

.dropdown dropright - drops items to the right.

.dropdown dropleft - drops items to the left.

.dropup - drops items upwards

Collapse

The .collapse class indicates a collapsible element (a <div> in our example); this is the content that will be shown or hidden with a click of a button.

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

nav

.nav includes the nav bar . Generally used in a list

.nav-item in a class. Indicates the nav-item (used to define items in the list)

.justify-content-center ,.justify-content-end (align the items to center and right respectively)

forms

All textual <input>, <textarea>, and <select> elements with class .form-control have a width of 100%

Bootstrap provides two types of form layouts:

Stacked (full-width) form

Inline form

.form-group - Stacked

.form-inline - Inline form

inputs

.form-control gives full width and proper padding

.form-control-x

x=lg,sm gives large and small control respectively.

.input-group groups input together

.custom

gives control to custom groups