

BOOTSTRAP

CONTENT

- Bootstrap grid structure
 - container
 - reordering columns
 - display responsive images
- bootstrap tables
- bootstrap form layout
- bootstrap button
- different image styles
- different text styles
- caret classes

CONT...

Bootstrap Components

- dropdown menu component
- navigation pills & tabs components
- navbar component
- breadcrumb component
- pagination component
- labels / badge components
- page header components
- alerts & dismissible alerts
- bootstrap list group component

BOOTSTRAP

- Bootstrap is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first websites.
- Bootstrap is a free front-end framework for faster and easier web development
- Bootstrap includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many other, as well as optional JavaScript plugins
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BOOTSTRAP GRID

- Bootstrap's grid system allows up to 12 columns across the page.
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span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1
span 4				span 4				span 4			
span 4				span 8							
span 6						span 6					
span 12											

EXAMPLE

- ```
<div class="row">
 <div class="col-sm-4">.col-sm-4</div>
 <div class="col-sm-4">.col-sm-4</div>
 <div class="col-sm-4">.col-sm-4</div>
</div>
```

# CONT...

- Xs -> for phones - screens less than 768px wide)
- Sm->for tablets - screens equal to or greater than 768px wide
- Md->for small laptops - screens equal to or greater than 992px wide
- Lg laptops and desktops - screens equal to or greater than 1200px wide

# CONTAINER

- Containers are the most basic layout element in Bootstrap and are required when using our default grid system.
- Choose from a responsive,
  - **fixed-width container** (meaning its max-width changes at each breakpoint) or
  - **fluid-width** (meaning it's 100% wide all the time)



# REORDERING COLUMNS

- Column ordering classes allow us to change the order of our grid system based on different browser sizes. This means that on a large screen, you can have a different grid than on a mobile screen.
- To implement the same we have **push and pull classes**.
- **The push and pull classes applied to the Bootstrap grid are `.col-xs-push-#` or `.col-xs-pull-#`. That also works with sm, md, and lg.**

# DISPLAY RESPONSIVE IMAGES

- Bootstrap provides three classes that can be used to apply some simple styles to images –
- ***.img-rounded*** – adds *border-radius:6px* to give the image rounded corners.
- ***.img-circle*** – makes the entire image round by adding *border-radius:500px*.
- ***.img-thumbnail*** – adds a bit of padding and a gray border

# BOOTSTRAP TABLES

- Bootstrap provides a clean layout for building tables.
- It provides the following classes
- By adding the **.table-striped class**, you will get stripes on rows within the <tbody>
- By adding the **.table-bordered class**, you will get borders surrounding every element and rounded corners around the entire table
- By adding the **.table-hover class**, a light gray background will be added to rows while the cursor hovers over them
- By adding the **.table-condensed class**, row padding is cut in half to condense the table

# CHANGING ROW AND CELL COLORS

- The Contextual classes will allow you to change the background color of your table rows or individual cells

Sr.No.	Class & Description
1	<b>.active</b> Applies the hover color to a particular row or cell
2	<b>.success</b> Indicates a successful or positive action
3	<b>.warning</b> Indicates a warning that might need attention
4	<b>.danger</b> Indicates a dangerous or potentially negative action

# RESPONSIVE TABLE

- By wrapping any *.table* in *.table-responsive* class, you will make the table scroll horizontally up to small devices (under 768px).

# BOOTSTRAP BUTTONS

Sr.no	Class	Description
1	Btn	Default/ Standard button.
2	Btn-primary	Provides extra visual weight and identifies the primary action in a set of buttons.
3	Btn-success	Indicates a successful or positive action.
4	btn-info	Contextual button for informational alert messages.

# BOOTSTRAP BUTTONS

Sr.no	Class	Description
5	Btn-warning	Indicates caution should be taken with this action.
6	Btn-danger	Indicates a dangerous or potentially negative action.
7	Btn-link	Deemphasize a button by making it look like a link while maintaining button behavior.

# BUTTON SIZE

Sr.No.	Class & Description
1	<b>.btn-lg</b> This makes the button size large.
2	<b>.btn-sm</b> This makes the button size small.
3	<b>.btn-xs</b> This makes the button size extra small.
4	<b>.btn-block</b> This creates block level buttons—those that span the full width of a parent.



# CARET CLASS

- Use carets to indicate dropdown functionality and direction. To get this functionality use the class caret with a `<span>` element.
- `<p>Caret Example<span class = "caret"></span></p>`

# BADGES

- Badges are numerical indicators of how many items are associated with a link:
- `<a href="#">Message<span class="badge">1</span></a><br>`

# PAGINATION

- This class is used to represent the pages in the web site

```
<ul class="pagination">
```

```
Home
```

```
About
```

```
Contact us
```

```

```

**Classes used:**

**Active**

**Disabled**

**Pagination-lg**

**Pagination-sm**

**breadcrumb**

# DROP DOWN MENU

- A dropdown menu is a toggleable menu that allows the user to choose one value from a predefined list.
- The **.dropdown** class indicates a dropdown menu.
- To open the dropdown menu, use a button or a link with a class of **.dropdown-toggle** and the **data-toggle="dropdown"** attribute.
- Add the **.dropdown-menu** class to a `<ul>` element to actually build the dropdown menu.
- **Divider** class is use to divide the list items in the menu

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- The `.dropdown-header` class is used to add headers inside the dropdown menu.
- Highlight a specific dropdown item with the `.active` class (adds a blue background color).
- To disable an item in the dropdown menu, use the `.disabled` class (gets a light-grey text color and a "no-parking-sign" icon on hover):
- If you want the dropdown menu to expand upwards instead of downwards, change the `<div>` element with `class="dropdown"`

# NAVIGATION

- A navigation bar is a navigation header that is placed at the top of the page.
- A standard navigation bar is created with `<nav class="navbar navbar-default">`.
- `.navbar-inverse` to change the design of navbar default to inverse.
- The `.navbar-right` class is used to right-align navigation bar buttons.
- `.navbar-form navbar-left` used with a class form to implements forms in navigation bar

# TAB PILLS

- Tabs are created with `<ul class="nav nav-tabs">`.
- Pills are created with `<ul class="nav nav-pills">`

# PAGINATION COMPONENT/BREADCRUMB

- To create a basic pagination, add the .pagination class to an <ul> element:
- .active class is used to page by default highlighted
- .disabled class don't allow the user to select a particular page.
- The .breadcrumb class indicates the current page's location within a navigational hierarchy:



# ALERTS & DISMISSIBLE ALERTS

- Bootstrap provides an easy way to create predefined alert messages:
- Alerts are created with the `.alert` class, followed by one of the four contextual classes `.alert-success`, `.alert-info`, `.alert-warning` or `.alert-danger`.
- 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
- The `.fade` and `.in` classes adds a fading effect when closing the alert message: