CSS FRAMEWORKS

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CSS FRAMEWORKS

- A **CSS framework** is a software framework that is meant to allow for easier, more standards-compliant web design using the CSS language

- CSS frameworks are tools used by UI developers to make their job easier. Rather than reinventing the wheel each time a new project comes up; frameworks give developers the tools to quickly spin-up user interfaces that can be tweaked and iterated on throughout a project instead of spending time starting from a blank document.

- In its simplest form, a CSS framework is a collection of CSS stylesheets that are prepped and ready to use. They're tailored for use in common situations, like setting up navbars, and are often expanded upon by other technologies such as JavaScript.

CSS FRAMEWORKS

Most widely used CSS Frameworks:

- Bootstrap

- Foundation

- Bulma

- Tailwind CSS

- Semantic UI

- Materialize CSS

WHAT IS BOOTSTRAP

- Bootstrap is the most popular HTML, CSS and JavaScript framework for developing a responsive and mobile friendly website.

- It is absolutely free to download and use.

- It is a front-end framework used for easier and faster web development.

- It includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many others.

- It can also use JavaScript plug-ins.

- It facilitates you to create responsive designs.

BOOTSTRAP

Bootstrap

Build responsive, mobile-first projects on the web with the world's most popular front-end component library.

Bootstrap is an open source toolkit for developing with HTML, CSS, and JS. Quickly prototype your ideas or build your entire app with our Sass variables and mixins, responsive grid system, extensive prebuilt components, and powerful plugins built on jQuery.

Get started   Download

Currently v4.3.1

BOOTSTRAP COMPONENTS

Alerts

- Provide contextual feedback messages for typical user actions with the handful of available and flexible alert messages

A simple primary alert—check it out!

A simple secondary alert—check it out!

A simple success alert—check it out!

A simple danger alert—check it out!

A simple warning alert—check it out!

A simple info alert—check it out!

A simple light alert—check it out!

A simple dark alert—check it out!

BOOTSTRAP COMPONENTS

Badges

- Small count and labeling component

BOOTSTRAP COMPONENTS

Breadcrumb

- Indicate the current page's location within a navigational hierarchy that automatically adds separators via CSS

BOOTSTRAP COMPONENTS

Buttons

- Use Bootstrap's custom button styles for actions in forms, dialogs, and more with support for multiple sizes, states, and more

BOOTSTRAP 4 COMPONENTS

Button group

- Group a series of buttons together on a single line with the button group, and super-power them with JavaScript
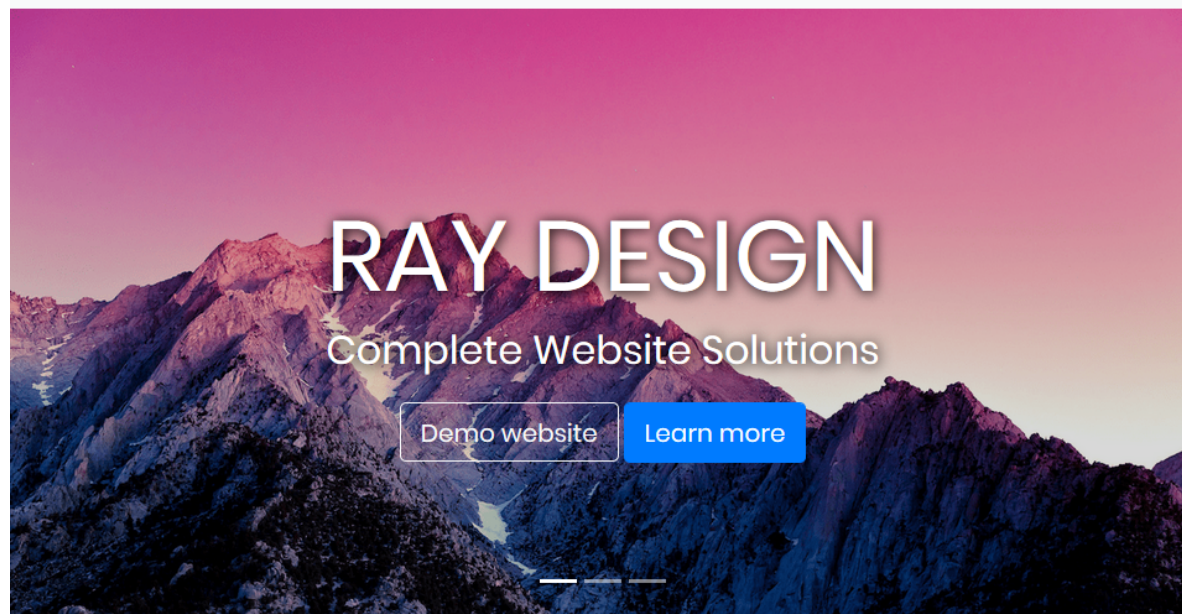
Left   Middle   Right

BOOTSTRAP COMPONENTS

Card

- Bootstrap's cards provide a flexible and extensible content container with multiple variants and options
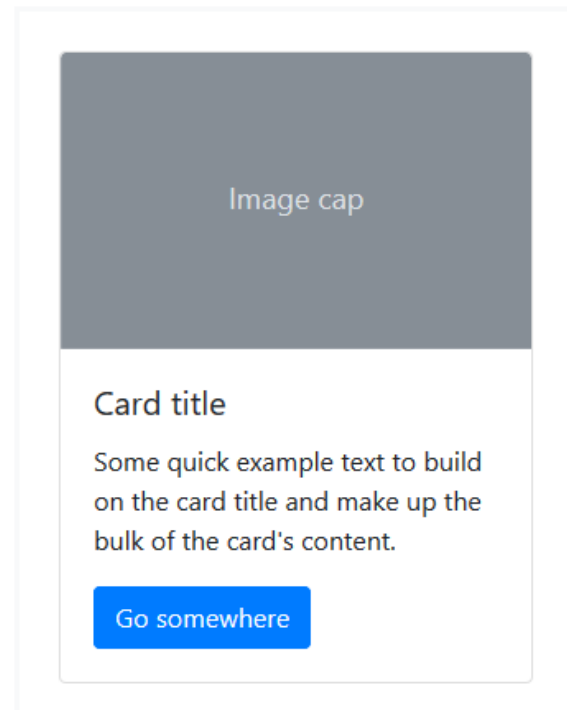
BOOTSTRAP COMPONENTS

Carousel

- A slideshow component for cycling through elements—images or slides of text—like a carousel

BOOTSTRAP COMPONENTS

Collapse

- Toggle the visibility of content across your project with a few classes and our JavaScript plugins

BOOTSTRAP COMPONENTS

Dropdowns

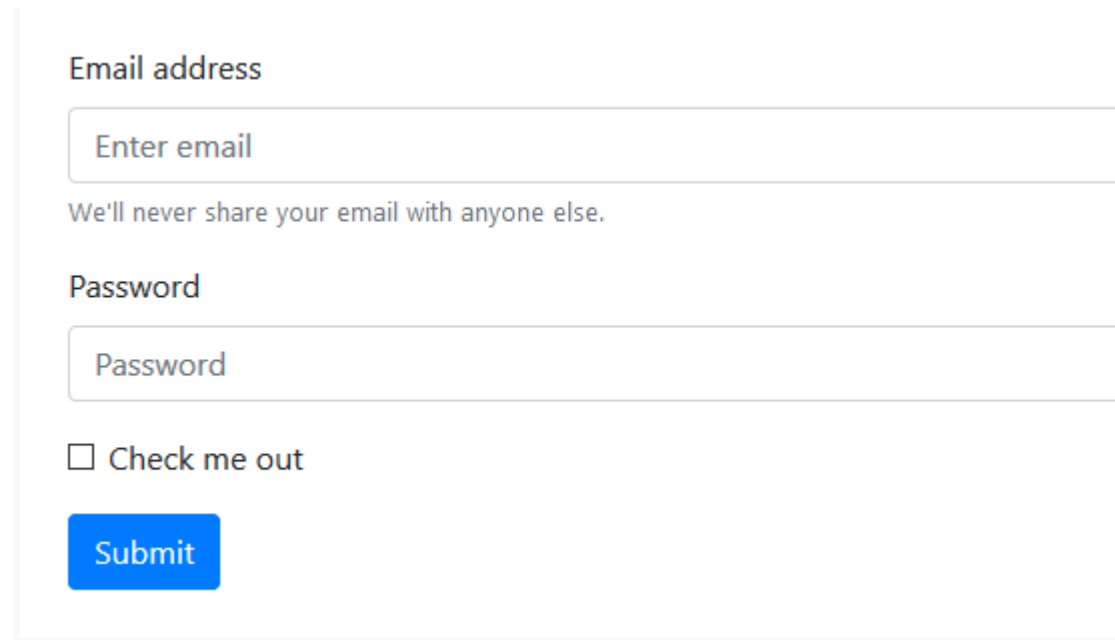- Toggle contextual overlays for displaying lists of links and more with the Bootstrap dropdown plugin


```
<div class="dropdown">
  <button class="btn btn-secondary dropdown-toggle" type="button" id="dropdownN
    Dropdown button
  </button>
  <div class="dropdown-menu" aria-labelledby="dropdownMenuButton">
```

BOOTSTRAP COMPONENTS

Forms

- Form control styles, layout options, and custom components for creating a wide variety of forms

Email address

Enter email

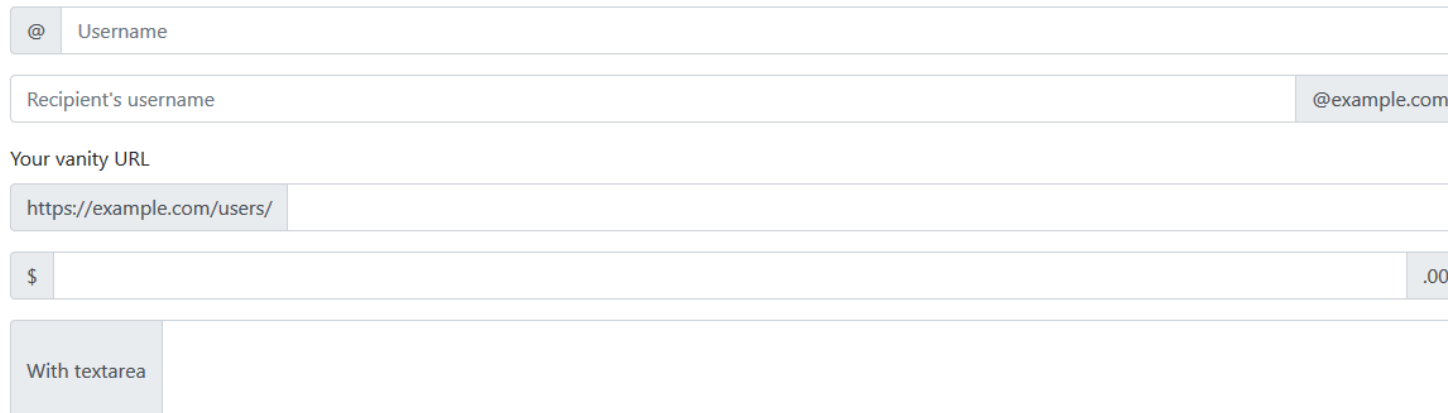We'll never share your email with anyone else.

Password

Password

☐ Check me out

Submit

BOOTSTRAP COMPONENTS

Input group

- Easily extend form controls by adding text, buttons, or button groups on either side of textual inputs, custom selects, and custom file input

BOOTSTRAP COMPONENTS

Alerts

- Component for adding Bootstrap popovers, like those found in iOS, to any element on your site

Example
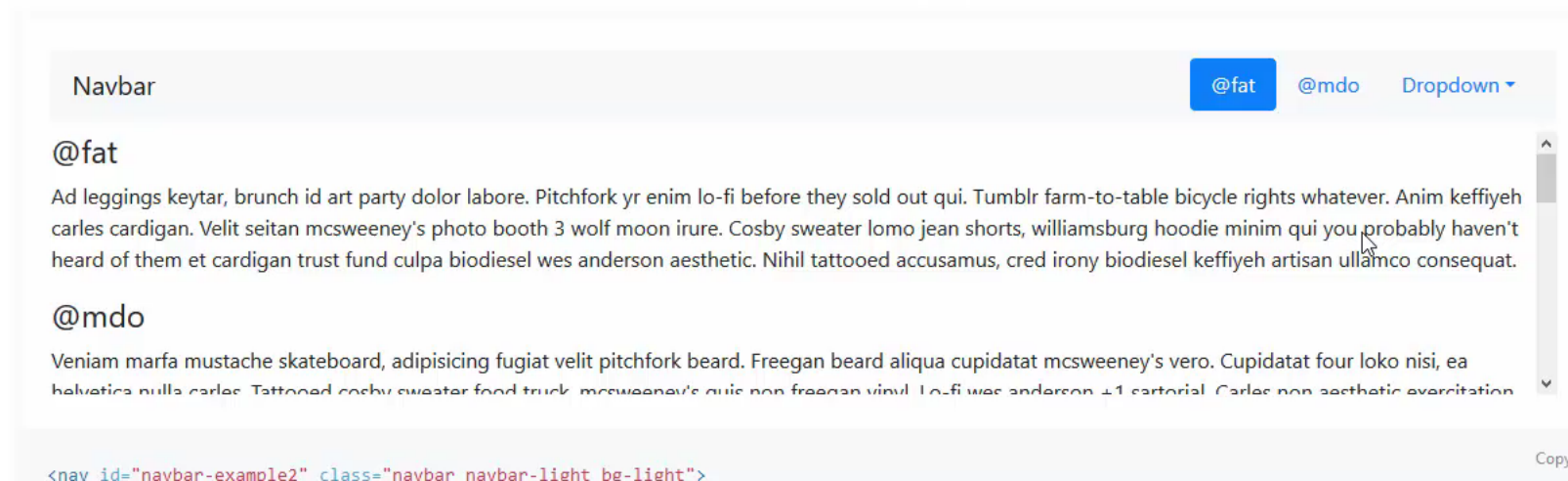
Click to toggle popover

```
<button type="button" class="btn btn-lg btn-danger" data-toggle="popover" tit
```

BOOTSTRAP COMPONENTS

Scrollspy

- Automatically update Bootstrap navigation or list group components based on scroll position to indicate which link is currently active in the viewport

BOOTSTRAP COMPONENTS

Pagination

- Component for showing pagination to indicate a series of related content exists across multiple pages

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