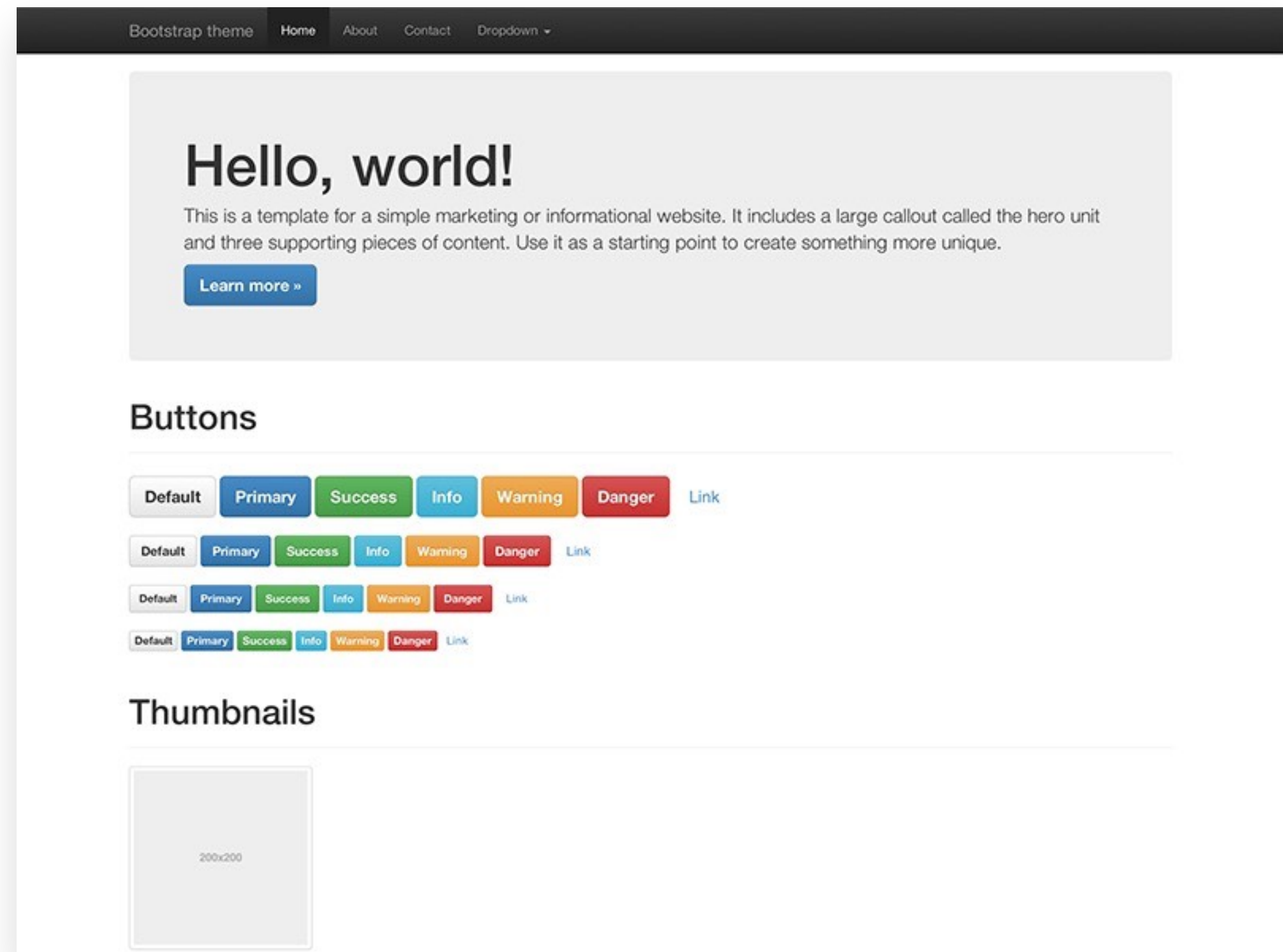


# Intro to Bootstrap

The most popular HTML, CSS, and JS framework in the world.

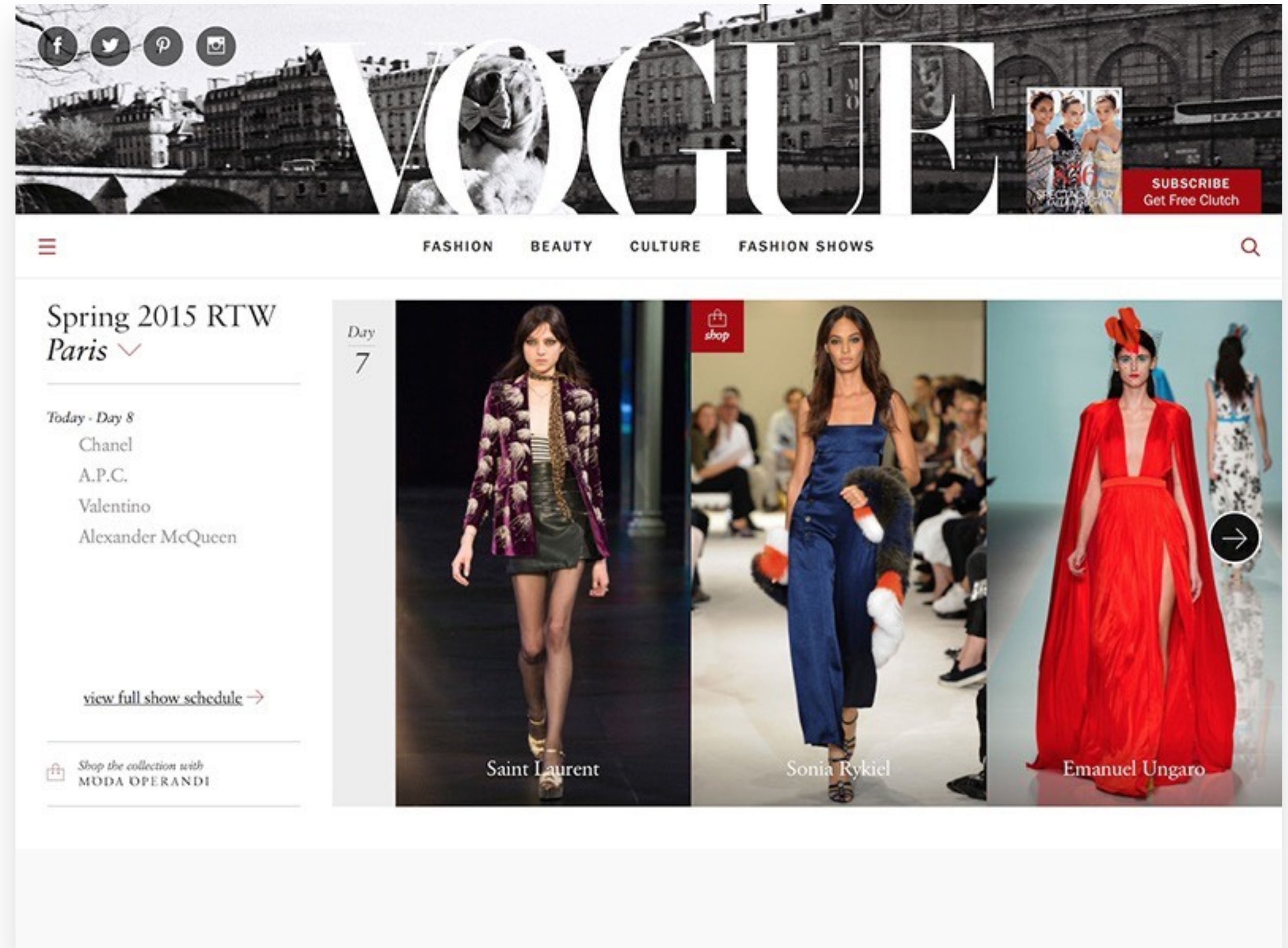
# What is bootstrap?

- Developed by Mark Otto & Jacob Thornton at Twitter, released in August 2011
- Open source frontend framework built with HTML/CSS/JS
- Includes markup and templates for most items used on a web page



# Why use bootstrap?

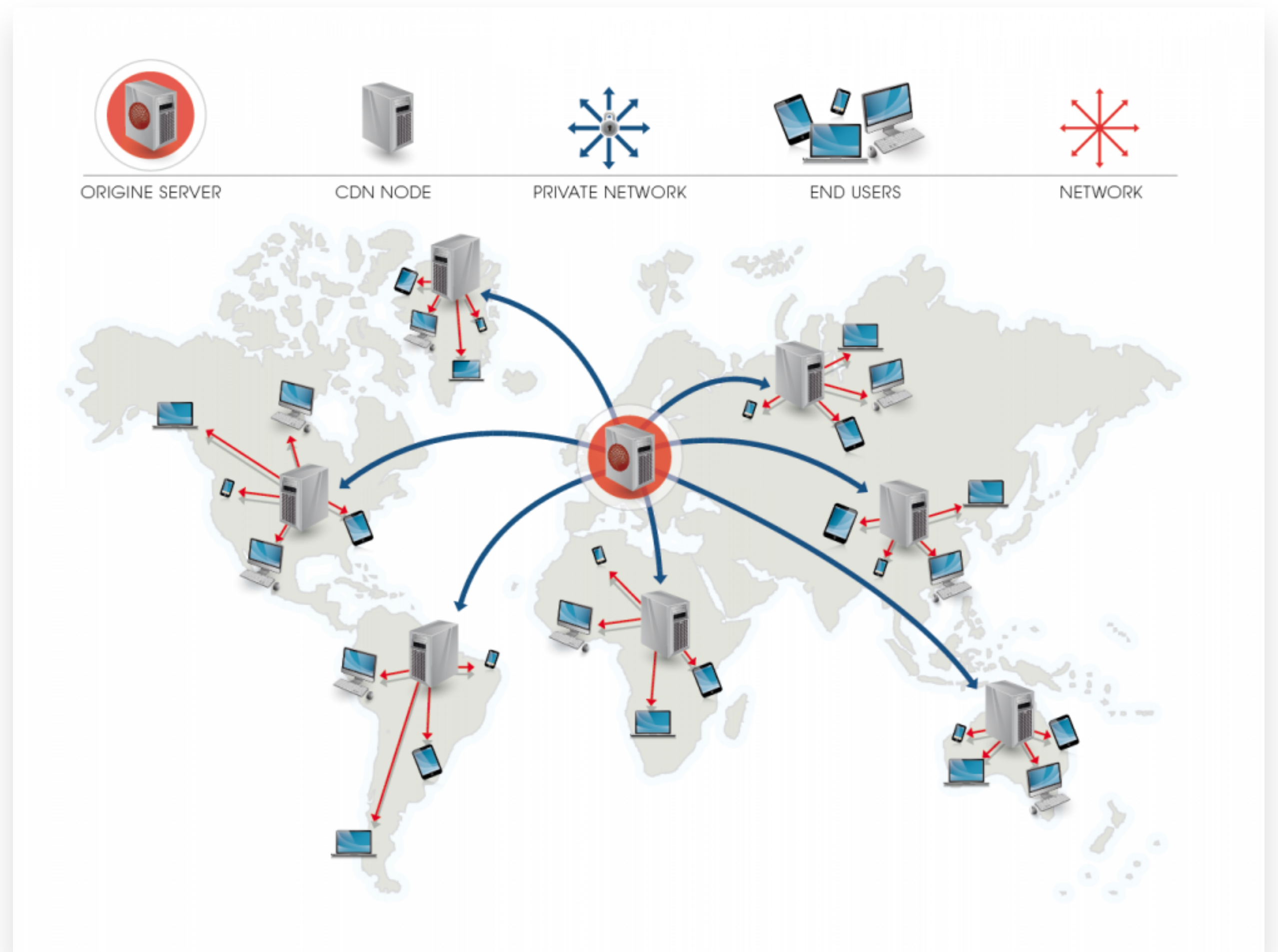
- Easy to use
- Faster development
- Responsive features
- Mobile-first approach
- Browser compatibility





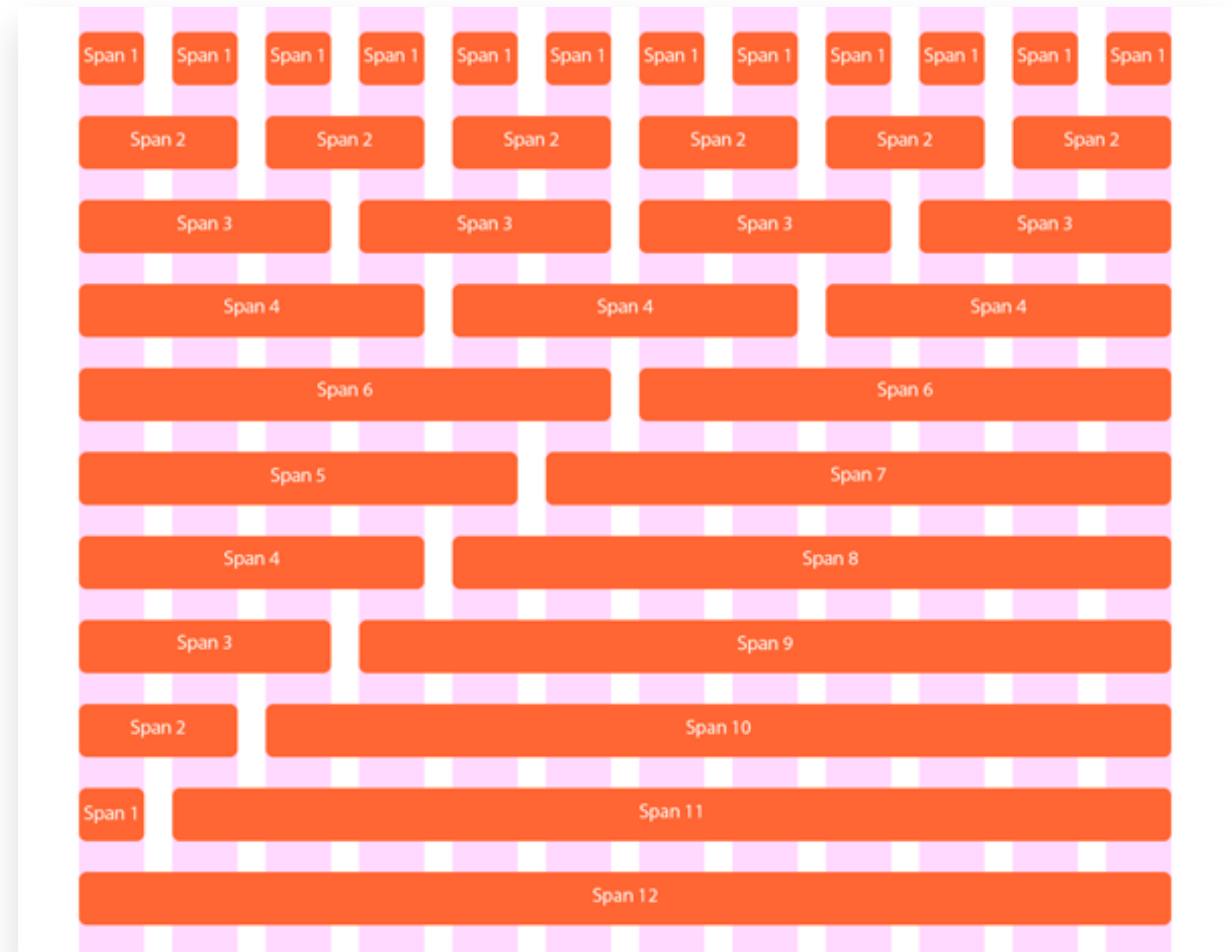
# Get Started

- Download and include files in your project
- Use Content Delivery Network (CDN) to quickly get up and running—be sure to also include jQuery



# Bootstrap Grid

- Allows up to 12 columns across a page
- You can group/offset columns to have a variety of container widths
- Is responsive and columns will automatically breakdown depending on screen size



# Typography

- Headings
- Paragraph
- Block Quotes
- Alignments

**h1. Bootstrap heading** Secondary text

---

**h2. Bootstrap heading** Secondary text

---

**h3. Bootstrap heading** Secondary text

---

**h4. Bootstrap heading** Secondary text

---

**h5. Bootstrap heading** Secondary text

---

**h6. Bootstrap heading** Secondary text

# Bootstrap Tables

- Striped rows
- Bordered tables
- Hover rows
- Condensed tables
- Responsive tables

## EXAMPLE

Optional table caption.

#	First Name	Last Name	Username
1	Mark	Otto	@mdo
2	Jacob	Thornton	@fat
3	Larry	the Bird	@twitter

```
<table class="table">  
  ...  
</table>
```



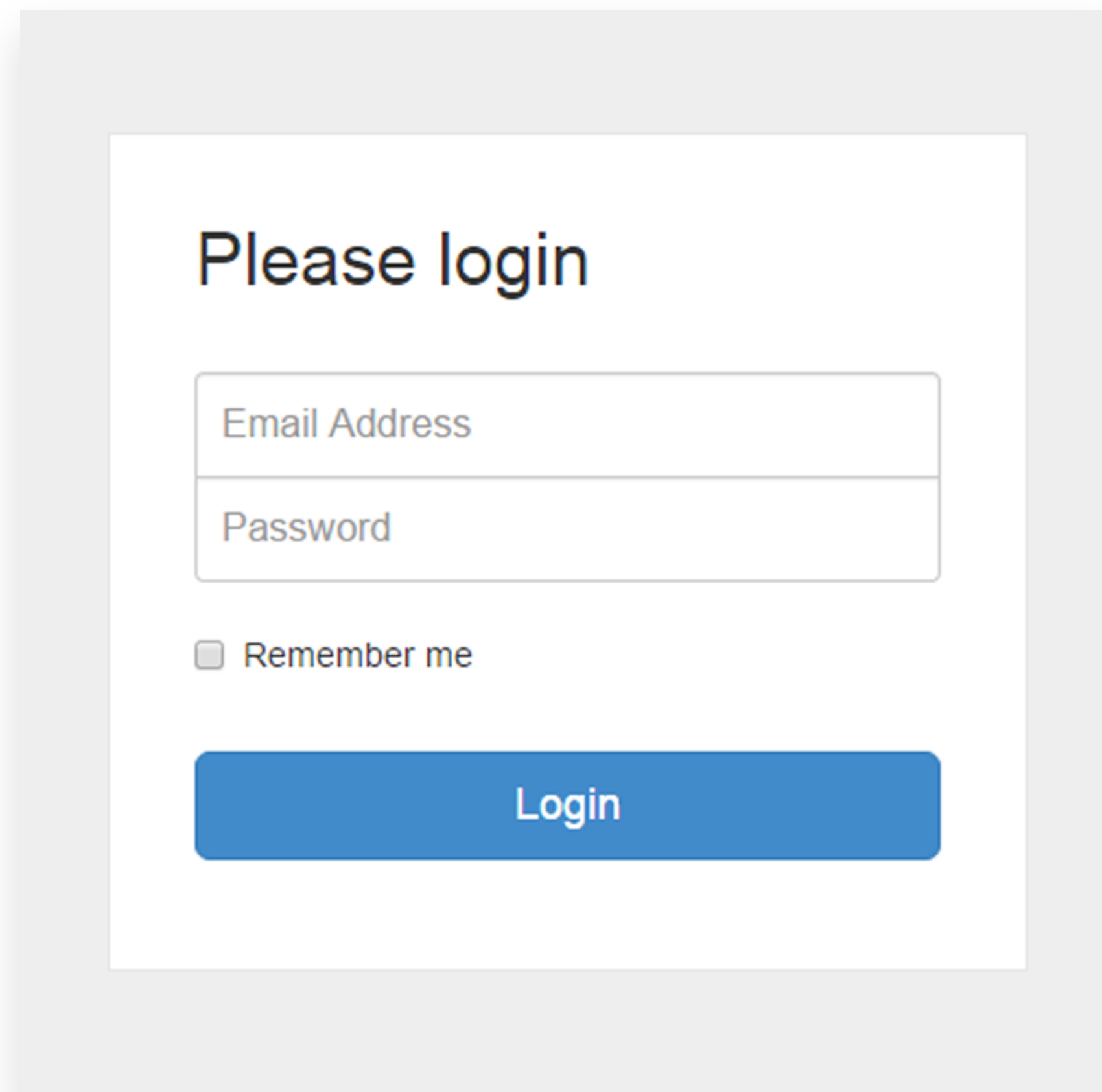
# Buttons

- Default
- Primary
- Success
- Danger
- Disabled





# Forms



A login form with a light gray border. It features a title "Please login" in bold black text. Below the title are two stacked input fields: "Email Address" and "Password". Under the "Password" field is a checkbox labeled "Remember me". At the bottom is a blue button with the text "Login".

Please login

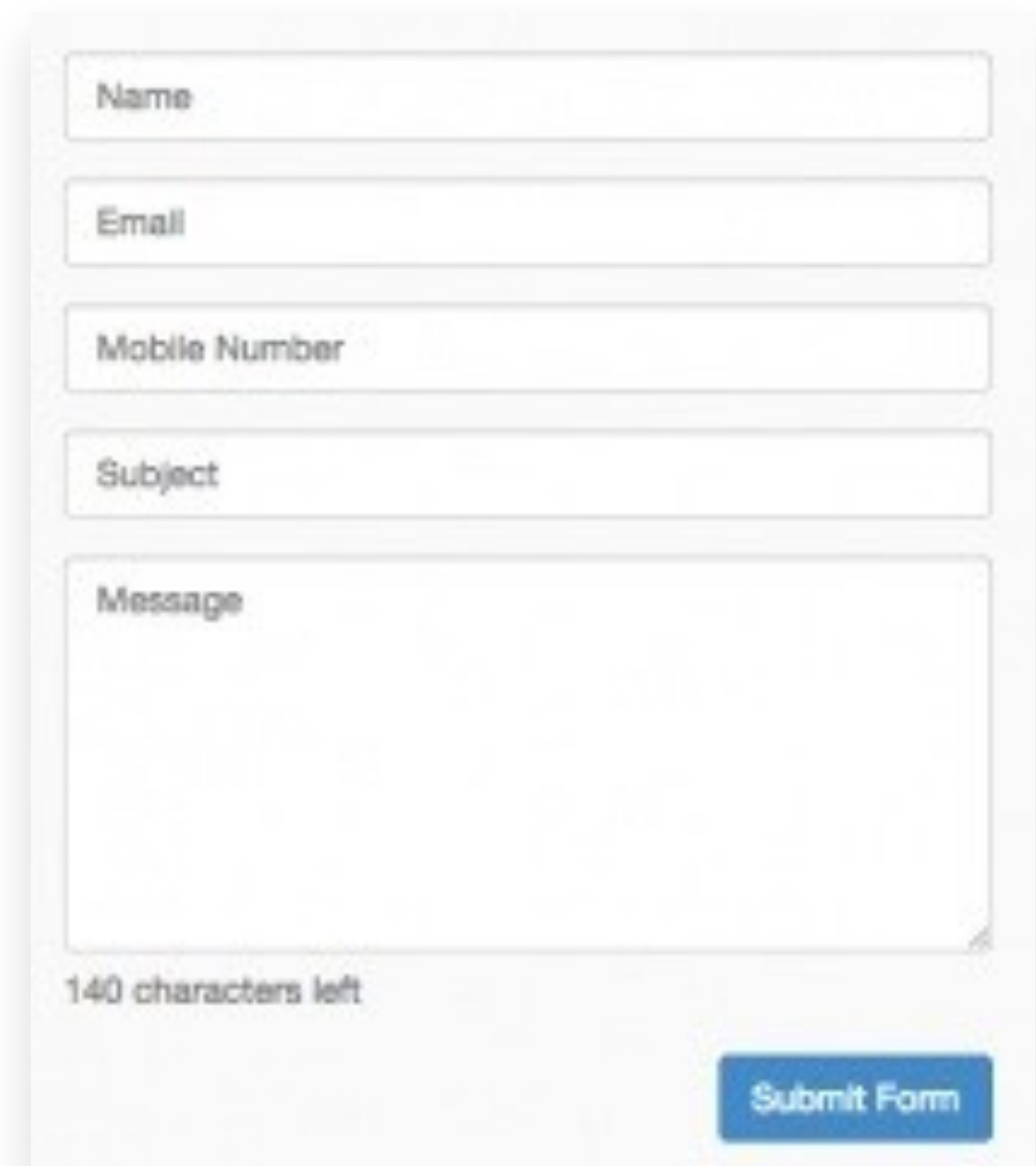
Email Address

Password

☐ Remember me

Login

Login Form



A contact form with a light gray border. It contains four stacked input fields: "Name", "Email", "Mobile Number", and "Subject". Below these is a large text area labeled "Message". At the bottom left of the text area, it says "140 characters left". A blue button labeled "Submit Form" is located at the bottom right.

Name

Email

Mobile Number

Subject

Message

140 characters left

Submit Form

Contact Form

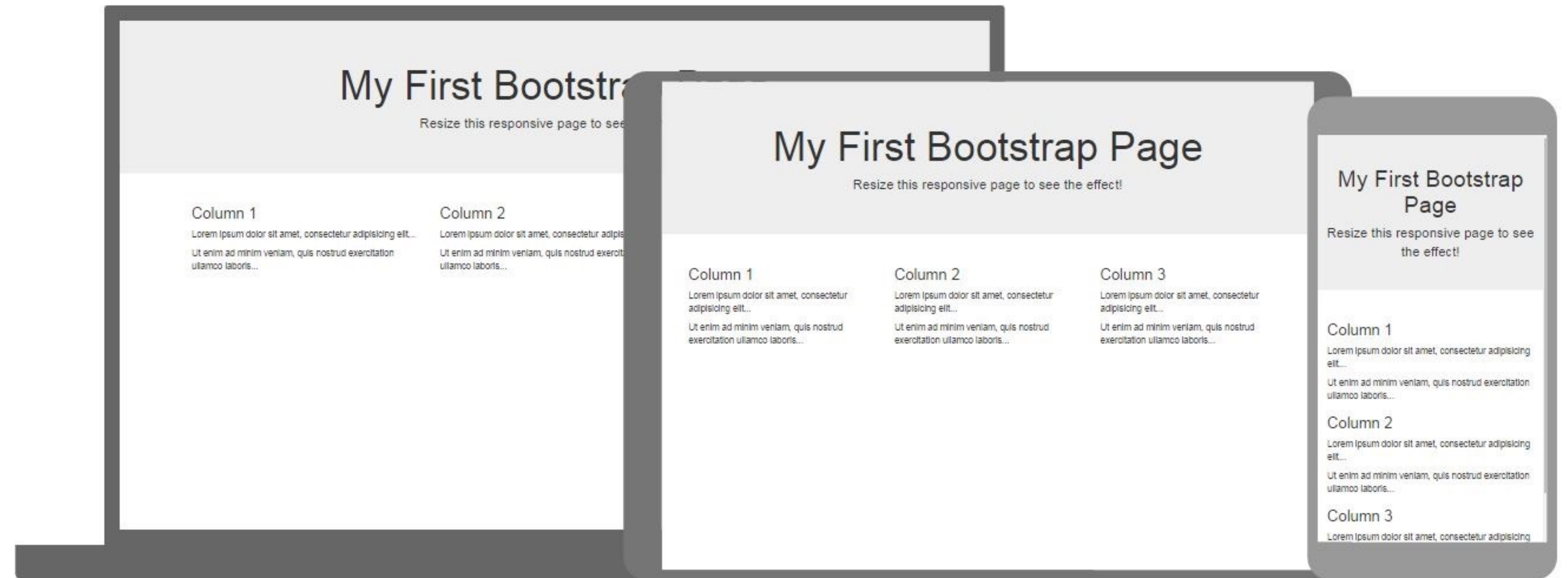
# Visibility Classes

- col-xs-\* (phones - general use)
- col-sm-\* (phone landscape, tablets)
- col-md-\* (small desktops)
- col-lg-\* (desktops)
- col-xl-\* (wide/large desktops)

	Extra small devices Portrait phones (<544px)	Small devices Landscape phones (≥544px - <768px)	Medium devices Tablets (≥768px - <992px)	Large devices Desktops (≥992px - <1200px)	Extra large devices Desktops (≥1200px)
.hidden-xs-down	Hidden	Visible	Visible	Visible	Visible
.hidden-sm-down	Hidden	Hidden	Visible	Visible	Visible
.hidden-md-down	Hidden	Hidden	Hidden	Visible	Visible
.hidden-lg-down	Hidden	Hidden	Hidden	Hidden	Visible
.hidden-xl-down	Hidden	Hidden	Hidden	Hidden	Hidden
.hidden-xs-up	Hidden	Hidden	Hidden	Hidden	Hidden
.hidden-sm-up	Visible	Hidden	Hidden	Hidden	Hidden
.hidden-md-up	Visible	Visible	Hidden	Hidden	Hidden
.hidden-lg-up	Visible	Visible	Visible	Hidden	Hidden
.hidden-xl-up	Visible	Visible	Visible	Visible	Hidden

# References

- [w3schools.com/bootstrap/](https://www.w3schools.com/bootstrap/)
- [getbootstrap.com/](https://getbootstrap.com/)
- [themes.getbootstrap.com/](https://themes.getbootstrap.com/)





# Build a Basic Page