IST 363

# Lab 06

## This Lab Covers

* Bootstrap Icons and Components

## Lab Corrections

1. If you didn’t get a perfect score on lab 5, check your corrections list comments in blackboad. Submit the url to your corrections for this part.

## Warmup

* 1. Check out the docs for Bootstrap icons here: <https://icons.getbootstrap.com/>. How do you get the following icon to display on the page?   
     A black and white symbol

     AI-generated content may be incorrect.
     1. You need to link the correct stylesheet in order to use the icons into your code. Then, you can include them using an <i> tag. For example: <i class="bi bi-alarm"></i>
  2. What link do you need in the <head> to include for bootstrap icons?
     1. <head>
     2. <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons/font/bootstrap-icons.css">
     3. </head>
  3. Pick three components from this list and give a real world website scenario where you would use them. For example, if I gave you the cards component then you could say – “this component could be used to show price comparisons”. (Don’t just tell me what it does – I’m looking for you to imagine something bigger.)

|  |  |  |  |
| --- | --- | --- | --- |
| Alerts  Badge  Breadcrumb  Buttons  Button group | Collapse  List group  Modal  Navbar  tabs | Offcanvas  Pagination  Placeholders  Popovers  Progress | Scrollspy  Spinners  Toasts  Tooltips |

* **Offcanvas** is used to create hidden sidebars or menus that come in from the side of the page. For example, it could be used so that someone browsing to shop can look at their shopping cart.
* **Pagination** is used to help divide/organize information or data so that it is easier to digest as a user. For example, someone can paginate their shopping site to only include 10 products per page to avoid long scrolling.
* **Spinners** are loading indicators to alert someone that something is being processed/completed. An example of using this could be having a spinner shown on a shopping site when a person goes to check out and the payment system is still loading and confirming a shopper’

## Bootstrap Page 2

1. Expanding your Portfolio Page  
   This week you will be editing your portfolio page from last week’s lab. To get started, make a copy of the file.
   1. Make it bluer.   
      Customize the colors on the site to make it bluer. The navigation and footer should be a shade of navy. The light gray backgrounds behind Customer Reviews and the form should be a light blue. All the headings should be a shade of blue. You don’t need to use the exact same colors as me.
   2. Convert the images to a slide show (Bootstrap carousel component). Note that I am displaying the images at 100% width and about half the height.
   3. Use bootstrap cards to make the Customer Reviews area. Make sure to add the bootstap stars icon next to the heading. The yellow stars I did with the HTML character code &#9734;
   4. Use a Bootstrap accordion to make a FAQs area with at least 4 questions. Feel free to use lorem ipsum text here.
   5. Make a bootstrap “Get in Touch” form.

See the screenshots below

|  |  |
| --- | --- |
| A screenshot of a computer  AI-generated content may be incorrect. |  |

## What to hand in

Note that if any URL doesn’t work for me, you will get a zero on this part. Ensure github.io is part of the URL in the address bar. If it’s not, you haven’t given me the correct link.

1. For the corrections hand in the URL of the corrected page.
2. For the warmup questions, paste your answers into the template provided in Blackboard.
3. For the main page, hand in the URL

Use the answer template!