# Pagination, Link Groups and Cards

## **Topics Covered:**

- What is pagination?
- Basic pagination.
- Active and Disable state.
- Pagination Sizing.
- Breadcrumbs.
- List Groups.
- Active and Disable state.
- List Group with Linked Items.
- Horizontal List groups.
- Contextual classes.
- List Group with Badges.
- Cards.

## Topics in Detail:

### What is pagination?

- Pagination is the process of separating print or digital content into discrete pages.
- For print documents and some online content, pagination also refers to the automated process of adding consecutive numbers to identify the sequential order of pages.
- Pagination makes it easier for the user to choose the page that they want to view.

## **Basic Pagination:**

- If you have a website with lots of pages, you may wish to add some sort of pagination to each page.
- To create a basic pagination, add the *.pagination* class to an element. Then add the *.page-item* to each element and a *.page-link* class to each link inside

#### Active State:

• The .active class is used to "highlight" the current page.

Previous 1 2 3 Next

#### Disable State:

• The .disabled class is used for un-clickable links.

```
    class="page-item disabled"><a class="page-link" href="#">Previous</a>
    class="page-item"><a class="page-link" href="#">1</a>
    class="page-item"><a class="page-link" href="#">2</a>
    class="page-item"><a class="page-link" href="#">3</a>
    class="page-item"><a class="page-link" href="#">Next</a>
    class="page-item"><a class="page-link" href="#">Next</a>
```

Previous 1 2 3 Next

## Pagination Sizing:

- Pagination blocks can also be sized to a larger or a smaller size.
- The class .pagination-lg for larger blocks or .pagination-sm for smaller blocks.

## 

Previous 1 2 3 Next

#### Breadcrumbs:

- Another form for pagination is breadcrumbs.
- The .breadcrumb and .breadcrumb-item classes indicate the current page's location within a navigational hierarchy.

```
     <a href="#">Photos</a>
     class="breadcrumb-item"><a href="#">Summer 2017</a>
     class="breadcrumb-item"><a href="#">Italy</a>
     class="breadcrumb-item"><a href="#">Italy</a>
     class="breadcrumb-item">Rome
```

Photos / Summer 2017 / Italy / Rome

#### What is a List?

- HTML Lists are used to specify lists of information.
- All lists may contain one or more list elements.
- There are three different types of HTML lists:
  - Ordered List or Numbered List (ol)
  - Unordered List or Bulleted List (ul)
  - Descriptive List.

### List Groups:

- The most basic list group is an unordered list with list items.
- To create a basic list group, use an 
   element with class .list-group, and elements with class .list-group-item.

```
    First item
    Second item
    Third item
```

```
First item
Second item
Third item
```

#### Active and Disable State:

- Similar to pagination the class .active and .disabled can be used to highlight the current item and add a lighter text color to the disabled item.
- When the .disabled class is used on links, it will remove the hover effect.

```
Active item

Second item

Third item

Disabled item

Disabled item

Third item
```

## List Group with Linked Items:

To create a list group with linked items, use <div> instead of 
 and <a> instead of cli>. Optionally, add the .list-group-item-action class if you want a grey background color on hover.

```
<div class="list-group">
    <a href="#" class="list-group-item list-group-item-action">First item</a>
    <a href="#" class="list-group-item list-group-item-action">Second item</a>
    <a href="#" class="list-group-item list-group-item-action">Third item</a>
    </div>
```

```
First item

Second item

Third item
```

#### On hover:

```
First item
Second item
Third item
```

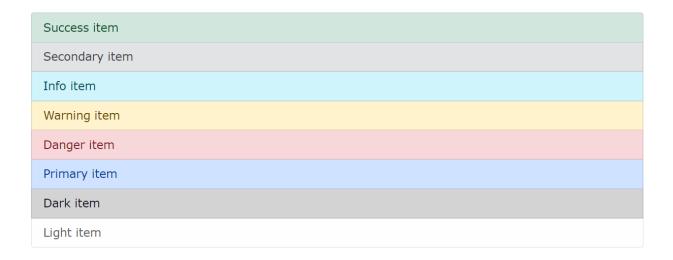
## Horizontal List Groups:

• If you want the list items to display horizontally instead of vertically (side by side instead of on top of each other), add the .*list-group-horizontal* class to .*list-group* 

First item	Second item	Third item	Fourth item

#### Contextual Classes:

- Contextual classes can be used to add color to the list items.
- The classes for coloring list-items are: .list-group-item-success, list-group-item-secondary, list-group-item-info, list-group-item-warning, .list-group-item-danger, .list-group-item-primary, list-group-item-dark and list-group-item-light.



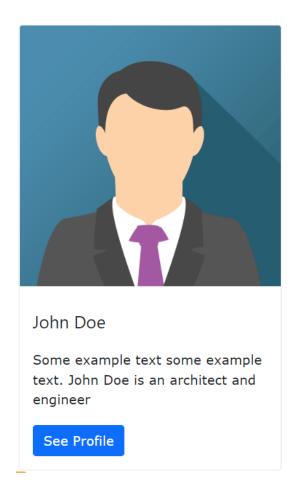
### List Group with Badges:

Combine .badge classes with utility/helper classes to add badges inside the list group.



#### Cards:

- A card is a flexible and extensible content container.
- It includes options for headers and footers, a wide variety of content, contextual background colors, and powerful display options.
- A card is a bordered box with some padding around its content. It includes options for headers, footers, content, colors, etc.



## Bootstrap Card:

- Basic card: A basic card is created with the .card class, and content inside the card has a .card-body class.
- Header and Footer: The .card-header class adds a heading to the card and the .card-footer class adds a footer to the card.
- Contextual classes: To add a background color the card, use contextual classes
   (.bg-primary, .bg-success, .bg-info, .bg-warning, .bg-danger, .bg-secondary, .bg-dark and .bg-light)
- Title: Use .card-title to add card titles to any heading element.
- Text: The .card-text class is used to remove bottom margins for a element if it is the last child (or the only one) inside the .card-body.
- Links: The .card-link class adds a blue color to any link, and a hover effect.
- Image: Add .card-img-top or .card-img-bottom to an <img> to place the image at the top or at the bottom inside the card. Note that we have added the image outside of the .card-body to span the entire width.



