

**CSCI 202 - Dynamic Web Pages**

**Winter 2019**

**Laboratory 4**

**Objectives**

1. Create a new gallery page with new images.
2. Add pagination to the gallery pages.
3. Configure the website with a favicon.
4. Configure the **heroimage / banner image** with heading text.
5. Configure a Bootstrap Modal on Rooms page.

You are welcome to use in-class examples as a resource as well as online lectures. Feel free to email your TA or instructor if you have questions about the lab.

**READ ALL THE INSTRUCTIONS CAREFULLY.**

- a. Create a new folder naming it **Lab4** in your secret folder.
- b. Open Visual Studio Code and **Lab4** folder
- c. Copy all your files from the Lab3 folder into Lab4 folder.

**Task 1: THE NEW GALLERY PAGE.** Modify the gallery.html.

Launch Visual Studio Code and open the **gallery.html** file in the Lab 4 folder. Save As gallery1.html. Move all images from the gallery1 folder to the img folder, and replace the gallery images in gallery1.html with those new images.

```
<div class="item"></div>
```

**Task 2: ADD PAGINATION TO THE GALLERY PAGES.** Place the code after the *div* with *class="clearfix"* , which comes after *section tag*.

- a. Configure the following codes in the gallery.html and gallery1.html. Place the Pagination code after the div with **class="clearfix"** that comes after the gallery. After writing this code on both gallery pages, **make changes to the code to make the pagination completely and correctly operable on both gallery pages.**

```
<!-- Pagination -->
<div class="pagination flex-wrap">
  <div class="container">
    <div class="row">
      <div class="col-md-12">
        <nav aria-label="Page navigation example">
          <ul class="pagination justify-content-center">
            <li class="page-item">
              <a class="page-link" href="gallery.html" tabindex="-
1">Previous</a>
            </li>
            <li class="page-item"><a class="page-link"
href="gallery.html">1</a></li>
            <li class="page-item active"><a class="page-link"
href="gallery1.html">2</a></li>
            <li class="page-item">
              <a class="page-link" href="gallery1.html">Next</a>
            </li>
          </ul>
        </nav>
      </div>
    </div>
  </div>
</div>
```

- b. Code a media query with a screen max-width of 992px for the pagination:

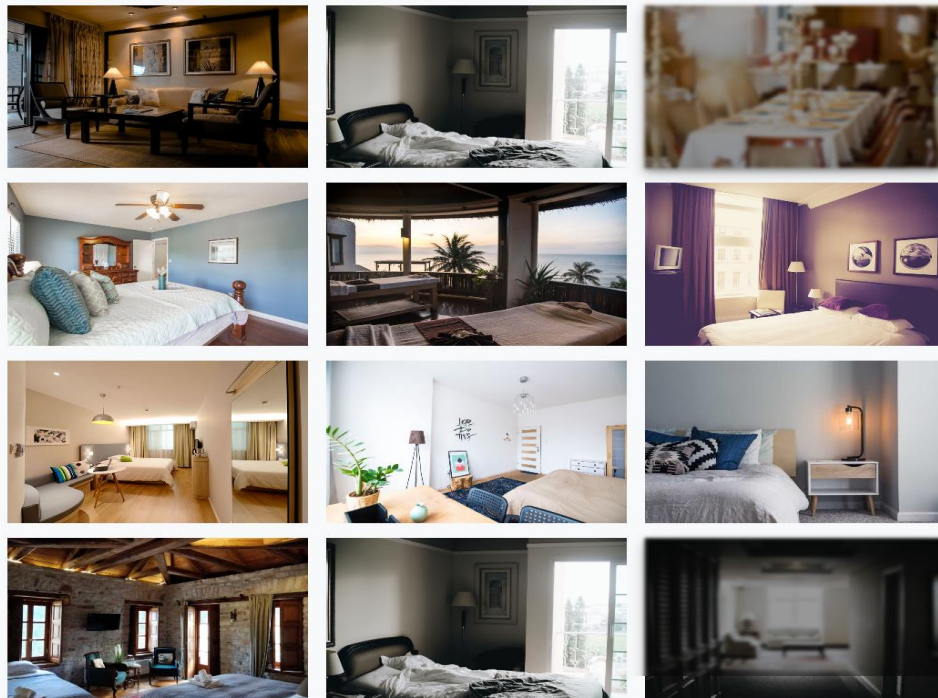
```
@media(max-width: 992px){ }
```

1. Configure a class named *pagination*. Set width 50%, margin auto, display flex, flex-direction row, padding-left 0, list-style none and a border-radius .25rem.
  2. Configure a class named *page-item*. Set background-color to inherit and top to 0;
- c. Code a media query with a screen max-width of 480px for the pagination:
1. Configure a class named *page-link* with the media query: Set font-size to small.

```
@media(max-width: 480px){ }
```

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**Task 3: CONFIGURE THE WEBSITE WITH A FAVICON.** You will configure a favicon using favicon.png.

- a. Add a **<link>** element to the head section of .html pages.
- b. Add the following attributes to configure the favicon.
- c. Specify the directory/path for the favicons which are located in the favicon folder.

```
<!-- Favicon -->
<link rel="apple-touch-icon" sizes="57x57" href="favicon/apple-icon-57x57.png">
<link rel="apple-touch-icon" sizes="60x60" href="favicon/apple-icon-60x60.png">
<link rel="apple-touch-icon" sizes="72x72" href="favicon/apple-icon-72x72.png">
<link rel="apple-touch-icon" sizes="76x76" href="favicon/apple-icon-76x76.png">
<link rel="apple-touch-icon" sizes="114x114" href="favicon/apple-icon-114x114.png">
<link rel="apple-touch-icon" sizes="120x120" href="favicon/apple-icon-120x120.png">
<link rel="apple-touch-icon" sizes="144x144" href="favicon/apple-icon-144x144.png">
<link rel="apple-touch-icon" sizes="152x152" href="favicon/apple-icon-152x152.png">
<link rel="apple-touch-icon" sizes="180x180" href="favicon/apple-icon-180x180.png">
<link rel="icon" type="image/png" sizes="192x192" href="favicon/android-icon-192x192.png">
<link rel="icon" type="image/png" sizes="32x32" href="favicon/favicon-32x32.png">
<link rel="icon" type="image/png" sizes="96x96" href="favicon/favicon-96x96.png">
<link rel="icon" type="image/png" sizes="16x16" href="favicon/favicon-16x16.png">
<link rel="manifest" href="favicon/manifest.json">
<meta name="msapplication-TileColor" content="#ffffff">
<meta name="msapplication-TileImage" content="favicon/ms-icon-144x144.png">
<meta name="theme-color" content="#ffffff">
```

**Task 4: CONFIGURE THE HEROIMAGE / BANNER IMAGE WITH HEADING TEXT.** Configure a title heading on top of the heroimages in all the pages.

- a. Modify the **<section>** element with class named *heroimage*, which comes after header element. Replacing with the following code. Configuring with the right headline and text.

```
<section class="heroimage">
  <div class="container">
    <div class="heroitems">
      <h1>Our Rooms</h1>
      <p>Discover World's #1 Five Star Hotel.</p>
    </div><!-- End of heroitem -->
  </div><!-- End of container -->
</section><!-- End of heroimage section -->
```

- b. Modify the class named `.heroitems` in the stylesheet. Change the width to 1200px;

## Task 5: CONFIGURE A BOOTSTRAP MODAL ON ROOMS PAGE.

- a. Modify all the anchor links "**Book Now**" with the code below.

```
<a href="#" class="button" data-toggle="modal" data-target="#RoomForm">Book Now</a>
```

- b. Configure the rooms page with a bootstrap modal. Code the following after the **footer closing elements**.

```
<!-- Modal HTML Markup -->
<div id="RoomForm" class="modal fade">
<div class="modal-dialog" role="document">
<div class="modal-content">
<div class="modal-header">
  <h1 class="modal-title">Reservation Form</h1>
</div>
<div class="modal-body">
  <form role="form" method="POST" action="booknow.html" autocomplete>
    <input type="hidden" name="_token" value="">
    <div class="form-row">
      <div class="form-group col-md-6">
        <label class="control-label">Arrival Date</label>
        <input type="date" class="form-control" id="bookDate"
name="date">
      </div>
      <div class="form-group col-md-6">
        <label class="control-label">Departure Date</label>
        <input type="date" class="form-control" id="bookDated"
name="date">
      </div>
    </div>
    <div class="form-row">
      <div class="form-group col-md-6">
        <label class="control-label">Room</label>
        <select id="room" class="form-control">
          <option selected>1 Room</option>
          <option>2 Room</option>
          <option>3 Room</option>
          <option>4 Room</option>
          <option>5 Room</option>
        </select>
      </div>
    </div>
  </form>
</div>
</div>
</div>
```

```

        </div>
        <div class="form-group col-md-6">
            <label class="control-label">Guests</label>
            <select value="" id="guest" class="form-control">
                <option selected>1 Guest</option>
                <option>2 Guests</option>
                <option>3 Guests</option>
                <option>4 Guests</option>
                <option>5+ Guests</option>
            </select>
        </div>
    </div>

    <div class="form-group">
        <label class="control-label">Email</label>
        <div>
            <input type="email" class="form-control" id="bookEmail"
name="email" value="">
        </div>
    </div>

    <div class="form-group">
        <label class="control-label" for="message">Write a Note</label>
        <textarea class="form-control" id="bookMessage" name="message"
rows="3" cols="6"></textarea>
    </div>

    <div class="form-group">
        <div>
            <button type="submit" class="btn button">RESERVE NOW</button>
        </div>
    </div>
</form>
</div>
</div><!-- /.modal-content -->
</div><!-- /.modal-dialog -->
</div><!-- /.modal -->

```

## Reservation Form

Arrival Date

Departure Date

Room

Guests

Email

Write a Note

RESERVE NOW

### Luxury Executive Lounge

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BOOK NOW

### Mini Suite

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BOOK NOW

### Murphy Room

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BOOK NOW

### Deluxe Suites

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BOOK NOW

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# Welcome To Bellingham Hotel

Discover World's #1 Five Star Hotel.

BOOK NOW

STAY WITH OUR LUXURY ROOMS

## Stay and Enjoy

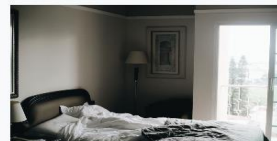
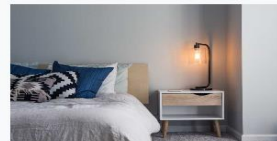
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## Our Rooms

Discover World's #1 Five Star Hotel.



### Luxury Executive Lounge

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BOOK NOW



### Exquisite Presidential Suite

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BOOK NOW



### Executive Club rooms

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BOOK NOW



### Mini Suite

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BOOK NOW



### Murphy Room

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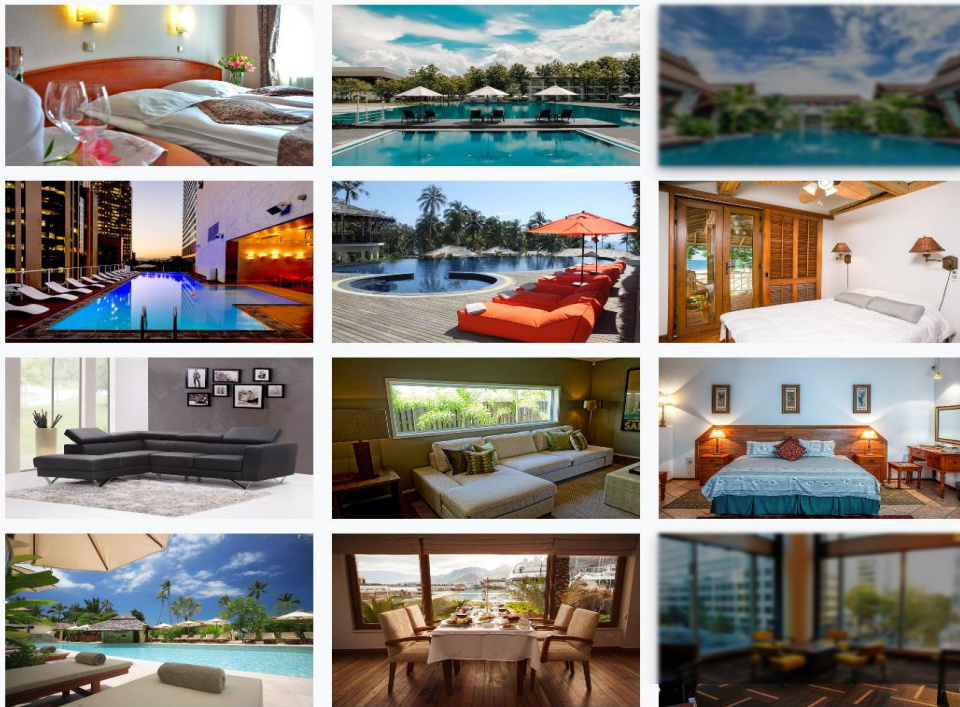
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# Contact Us

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## Contact Form

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Corporis deleniti obcaecati  
quibusdam inventore fuga eveniet!  
Qui delectus tempore amet!



Name

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Write Message

SEND MESSAGE

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**The last date for submission of Lab assignment is 11:59pm Sunday Feb 10, 2019.**

### **Points Breakdown**

Correctly Created gallery1 page with new images. – **3 points**

Correctly add pagination to the gallery pages. – **2 points**

Configured the website with a favicon. – **3 points**

Configured the **heroimage / banner image** with heading text. **7 points**

Configure a Bootstrap Modal on Rooms page. – **5 points**