### **Images and Media**

#### **Objectives and Outcomes**

In this exercise, we will explore the Bootstrap classes to support image and media on a website. In particular, we will look at how to include images on a website, how to make use of images within a media objects. At the end of this exercise you will be able to:

* Use Bootstrap classes to include a responsive images in a website
* Use a media object to include images and description on a website

#### **Exercise Resources**

<img.zip>

#### **Set up for the Exercise**

* Download the img.zip file that we provide above and unzip it in the conFusion folder. This should create a folder named img there.
* We will now update the index.html file to include images and media objects on the web page.

#### **Adding the Restaurant Logo**

* We will now add the restaurant logo to the Jumbotron. In index.html go to the header row inside the jumbotron and replace the second <div> column with the following code:

                <div class="col-12 col-sm align-self-center">

                    <img src="img/logo.png" class="img-fluid">

                </div>

You will immediately notice the restaurant logo being displayed in the jumbotron.

* Next, we will add the logo to the navbar where we display the restaurant brand. Go to the navbar and replace the code there for the <a> tag with the "navbar-brand" class with the following code:

            <a class="navbar-brand mr-auto" href="#"><img src="img/logo.png" height="30" width="41"></a>

Note the inclusion of the logo in the navbar.

* Repeat the above two steps for the aboutus.html and the contactus.html page also to update their navbars and jumbotrons.

#### **Adding Media Objects**

* Next we will work with the content on the web page and use the media object classes to style the content in the content rows.
* Go to the first content row, and replace the content in the second column containing the description of Uthappizza with the following code:

                <div class="media">

                    <img class="d-flex mr-3 img-thumbnail align-self-center"

                            src="img/uthappizza.png" alt="Uthappizza">

                    <div class="media-body">

                        <h2 class="mt-0">Uthappizza</h2>

                        <p class="d-none d-sm-block">A unique combination of Indian Uthappam (pancake) and

                            Italian pizza, topped with Cerignola olives, ripe vine

                            cherry tomatoes, Vidalia onion, Guntur chillies and

                            Buffalo Paneer.</p>

                    </div>

                </div>

Note the use of the media class and the related Bootstrap classes to style the content.

* Next, we will go to the third row and replace the contents of the second column containing the description about Alberto with the following content:

                <div class="media">

                    <img class="d-flex mr-3 img-thumbnail align-self-center"

                            src="img/alberto.png" alt="Alberto Somayya">

                    <div class="media-body">

                        <h2 class="mt-0">Alberto Somayya</h2>

                        <h4>Executive Chef</h4>

                        <p class="d-none d-sm-block">Award winning three-star Michelin chef with wide

                            International experience having worked closely with

                            whos-who in the culinary world, he specializes in

                            creating mouthwatering Indo-Italian fusion experiences.

                            </p>

                    </div>

                </div>

* Finally, do a Git commit with a message "Images and Media".

#### **Conclusions**

In this exercise, we learnt about the Bootstrap classes to support images and media in a web page. We saw how we can include responsive images on a web page. In addition, we saw the use of images within a media object to style and display content.