Short Project Description

When I first saw the sample webpage layout I know for sure that it should be a responsive page, so I thought I should use metroUI bootstrap but I changed it to twitter bootstrap due to it is widely known and large community supporting the said bootstrap. I used choose mvc framework because it is the latest technology in developing web pages and I want to gain more knowledge with this framework, and it is best paired with angularjs. I downloaded the bootstrap and the angularjs thru NuGet which is a tool in Visual Studio. One of the hardest part of creating the web page is to follow the exact design because I have less expertise when it comes to front end design. After the design was done I move to creating the functionality. The first function that I did was to retrieve the pet’s name through web api. I searched the web for a code snippet regarding FileUpload functionality. I managed to find one but I still need to make a necessary changes in order to accurately follow the design / project requirements. The last functionality that I created was to show a modal dialog with the filename and pet’s name. I think this is the part where it took me more time in order to show the modal dialog due to the modal not showing upon click of the button. I already followed the steps on how to perfectly show the modal and I also google search the other way just to display / show the modal but to no avail. Then I realized that the reason why the modal is not working is because I didn’t include the bootstrap script. After I included the script it already worked. Then proceeded to test the functionality and the responsiveness of the web page.

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1st, I used Visual Studio (SDK) as my software development kit basically because I have wide experience in using this tool. I have mastered and continued in learning this tool in all the project I did in the past. I may say that I am more confident and I have expertise in using this compared to other tools.

2nd, using MVC Framework that supports AngularJS and HTML 5 I started to layout of the web page and functionalities. I’ve been using this framework for about two years and I have seen how it makes coding less complicated. One advantage I found in this framework that will be helpful in the web page development is that it is easier to connect HTML elements with javascript like AngularJS - like calling the web API to retrieve the pet’s name (in JSON format) and bind it with select element of the HTML.

For the responsive functionalities I used Twitter bootstrap knowing that this is being widely used now by most of the web applications. And I created custom CSS to make adjustment to be able to present the exact project design/requirements.