ASP.NET Core 3 Homework 03

Chapter 03, Pro ASP.NET Core 3

1 Readings

Read chapter 00, in the Pro ASP.NET Core 3 book.

2 Class Discussion Questions

Your written homework is due as directed. Format your homework in MarkDown. Be prepared to discuss

each of the following questions is class.

3 Homework Questions

1. What is the most important part of an ASP.NET Core 3 application?

The data model

1. What is the domain model?

It contains the C# objects that make up the universe of the application and the methods that manipulate then

1. Where are the model classes in an ASP.NET Core 3 application placed?

Models folder

1. How many action methods can a controller class define?

A single controller class can define multiple action methods

1. What is a tag helper?

An instruction for Razor that will be performed when the view is rendered

1. What does the asp-action attribute do?

An instruction to add an href attribute to the element that contains a URL for an action needed

1. What is the difference between HTTP GET and HTTP POST? This is an important question, and you

should understand the difference.

Get carries request parameter appended in URL string. Post carries request parameter in message body which makes it more secure way of transferring data from client to server

1. What is model binding?

A feature whereby incoming data is parsed and the key/value pairs in the HTTP request are used to populate properties of domain model types.

1. Why should we validate user data? How do we validate user data?

Users could enter nonsense data. Applying attributes to model classes, which means the same validation rules can be applied on any form that uses that class.

1. What, specifically, is the ModelState.IsValid property?

A property used to check whether there has been a validation problem

1. What does the asp-validation-summary do?

It displays a list of validation errors when the view is rendered

1. Static content consists of content such as images, script \_les, style \_les, etc. In an ASP.NET Core

application, what is the name of the folder that contains static content?

Wwwroot folder

1. What is Bootstrap? Who developed Bootstrap? Is Bootstrap a proprietary package? If not, what is

it?