ASP.Net Core MVC 2.1 (1)

Chapter 1:- Introduction to ASP.NET Core

In this module you learn what is ASP.NET Core and its features. Also you find here the advantages of ASP.NET Core framework over the existing frameworks for developing a web application.

- Introduction
- What is ASP.NET Core?
- ASP.NET Core Features
- Advantages of ASP.NET Core
- MVC Pattern
- Understanding ASP.NET Core MVC
- ASP.NET Core vs. ASP.NET MVC vs. ASP.NET Web Forms

Chapter 2:- ASP.NET Core First Application

In this chapter you get knowledge about how to create an ASP.NET Core application and setting up project initials with basic web page example.

- ASP.NET Core Environment Setup
- ASP .NET Core First Application
- Project Layout
- Understanding Life Cycle of ASP.Net Core Request

Chapter 3:- Controllers & Action Methods

In this chapter you will know what is a controller and action method and the responsibilities of a controller, the basic functionality of filters with few examples.

- Controllers Overview
- Action Methods and IActionResult object

- Passing data from Controller to View
- Understanding Action Selectors
- Action Filters
- Building Custom Action Filters
- Middleware
- Asynchronous Action Methods

Chapter 4:- Views

This deals with what is a view, razor syntax and different types of views with examples.

- Introducing Razor View
- Advantages of Razor View
- Razor Syntax
- Types of Views
- Partial Views
- Layout Pages
- Special Views
- View Categorization based on Model

Chapter 5:- Helpers

In this chapter we have different types Helper used to reduce number of key strokes when writing the html content in views and writing reusable components.

- Html Helpers
- Built-In Html Helpers
- URL helpers
- Tag Helpers
- Custom Tag Helpers

Chapter 6:- Model Binding

This module contains the model binding examples that describes how a form bind to its corresponding action method with when the form is submitted.

- Html Form behavior
- Model Binder Overview
- DefaultModelBinder
- Binding to Complex Classes
- IFormCollection Model Binding
- IFormFile Model Binder
- Bind Attribute
- TryUpdateModelAsync

Chapter 7:- Validations & Data Annotations

In this chapter you will learn Build application with proper error messages in minimum code.

- Data Annotations and Validations Overview
- Validations with Data Annotation
- Server Side and Client Side Validation
- Custom Server side validation
- Model level validation using IValidatableObject
- Custom unobstrive Client side Validation
- Remote Validation