Dynamic Web Pages

In this module, we will look at content which is dynamically rendered by the server. In ASP.NET, we will achieve this through the use of MVC controllers and Views. We will discover different examples of content that is rendered by the server. We will also have a look at the Dictionary data type in C#, which is very useful structure to organize information into key-value pairs.

Outcomes

- Similarities and differences between API controllers and MVC Controllers
- Demonstrate the role of Views in server rendered pages
- Utilize controllers to communicate information to views

Synchronous Activities

- DEMO: MVC Project Template
- DEMO: Creating a Regular Controller
- DEMO: Creating a View
- DEMO: Passing information from the Controller to the View using ViewData Object

Upcoming Assessments

- Week 7 - Assignment 2

In-Class Files

Controllers.pdf A handout which helps highlight the similarities and differences between Controllers and API controllers in ASP.NET.

Asynchronous Activities

- [GITHUB: CoreModelViewController](#)

Coming Up in Module 7 »

- Models & MVC

Sources & Helpful Links

- [In depth reading on Controllers](#)
- [In depth reading on Views](#)
- [Great tutorial resource for learning the Model, View, Controller (MVC) architecture pattern](#)
- [Using ViewData in C# with Controllers and Views.](#)

Page Template Created By Christine Bittle. Template Provided 'As-Is'