SETC Training Corporate Logo

.NET Training: ASP .NET MVC & Entity Framework Development (ASPMVC, 4 jours)

Description

The course ASP .NET MVC & Entity Framework Development (.NET Training) teaches you how to design & implement an ASP .NET MVC application. You will learn how to code ASP .NET MVC models, views, & controllers in using the ASP .NET MVC design pattern. The course discusses custom controllers, globalization, state management, data access layers, styles, custom controls & more. This course can be delivered using the full .NET framework or .NET Core.

Tarifs

- Tarification: $3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

Designing Object Based Web Applications

- Learning Objectives
- About Web Application Architecture
- Understanding MVC: the Model, the View and the Controller
- Furthering the Model : the Data Access Layer
- Furthering the View: ASP.NET MVC Views
- Furthering the Controller
- Where does ORM fit in?

Implementing ORM with the ADO.NET Entity Model

- Learning Objectives
- What is Object Relational Mapping
- Building a Model
- Managing Transactions
- Transactions and MVC

Exploring ASP.NET MVC

- Learning Objectives
- The Need for MVC
- The Model-View-Controller (MVC) Pattern
- The Controller’s Responsibilities
- About The IController Interface
- About the Controller Class
- Creating Custom Controllers

Creating Actions

- Learning Objectives
- The Controller to Action Relationship
- Implementing Simple Actions
- The Request to Action Relationship
- Exploring Action Parameters
- Implementing Dynamic Parameter Assignment
- Implementing Object Parameter Assignment

Creating the View

- Learning Objectives
- About the Web Forms to View Relationship

Mapping ASP.Net Forms to MVC Views
Implementing Form Data Validation
Client Validation and Validation Summary
Validation on Class Methods
Dealing with Exceptions
About Dynamic View Creation
Javascript and MVC
An Alternative to Using Javascript In MVC
More on Actions
Learning Objectives
Separating Model, View and Controller
Handling Unrecognized Actions
Handling Other Exceptions
Dynamically Generating Views
Creating Advanced Actions
Working with Master Pages
Globalization
Learning Objectives
Strings, Globalization and Conversions
Special Resource Folders
Creating a Resource Assembly
MVC Globalization in Practice
State Management
Learning Objectives
State Management
Server State Management: System.Web.Caching.Cache
Implementing SQL Dependencies
Caching Web Content
Tracing
MVC and State Management
Putting it All Together
Learning Objectives
Advanced Debugging Techniques