ASP.NET MVC TRAINING

Course Duration

It takes 25 to 30 Days to complete.

Prerequisite

Prior .NET web application development experience and familiarity with Object-Oriented Programming concepts is assumed. Some experience with HTML and JavaScript is also expected. Experience developing ASP.NET applications with Web Forms would be beneficial.

Course Contents

1. Understand the MVC design pattern and how it's applied in ASP.NET MVC
2. Recognize the benefits and drawbacks of using Asp.Net MVC
3. Become equipped to make good choices about model design and use of Microsoft data access technologies
4. Use Asp.Net MVC's routing system to achieve a REST-style architecture
5. Building Model
6. Routes and URLs
7. Controllers
8. View and View Templates
9. Learn how to build a compelling and maintainable HTML user interface using both the ASP.NET and new Razor view engine
10. Filters
11. See how to easily add AJAX and jQuery capabilities to an ASP.NET MVC application

Course Contents Details

ASP.NET MVC Introduction
MVC Basics

- Controller
- Action Methods
- View

- Model
- MVC Architecture
- View Engine
- Razor View Engine & Syntaxes
- Execution Flow of MVC

Layout Views
HTML Helpers
Working with Forms in MVC
Scaffold Templates
CRUD (Create, Retrieve, Update, Delete
Operations on a db table)
Validations in MVC
Data Annotations
Partial Views
Action Filters
URL Routing
jQuery-AJAX in MVC
Return Types of Action Methods
What's new in MVC 4:

- Bundling and Minification
- jQuery Mobile Integration
- Web API

NuGet Package Manager in MVC 4
Code First in ASP.NET MVC4
Introduction to ASP.NET MVC5
Project Explanation