Course Description - ASP.NET MVC 5.0

Overview

This program is aimed at introducing some of the advanced features of the ASP.NET MVC5 framework.

Suggested Audience

Participants are well versed in ASP.NET MVC and have built applications in ASP.NET MVC

Prerequisites

This is an advanced program and the participants are expected to have already worked in any version of ASP.NET MVC .

Course Curriculum

1. ASP.NET MVC 5 - New Features Overview

- Attribute Based Routing
- Filter Overrides
- Membership Enhancements using ASP.NET Identity
- Scaffolding Improvements

2. Building Loosely Coupled Components

- Dependency Injection
- - Using Dependency Injection
- - Using Dependency Injection Containers
- - Using NInject

3. Routing

- Custom Segment Variables
- Route Constraints
- Attribute Routing
- Customizing the Routing System
- Working With Areas

4. Filters

- Using Filters
- Authentication and Authorization Filters
- Action and Result Filters
- Creating Custom Action and Result Filters
- Using Global Filters

5. Controller Extensibility

- Builtin Controller Factory
- Creating Custom Controller Factory
- Using Custom Action Invoker

6. Model Binding

- Using Default Model Binder
- Creating Custom Model Binders

7. Model Validations

- Model Validation Overview
- Removing Model Validations from Controllers
- Validations in the Model Binder
- Self Validating Models
- Custom and Remote Validations
- Client Side Validations

8. Bundles

- Script Bundles

CSS Bundles