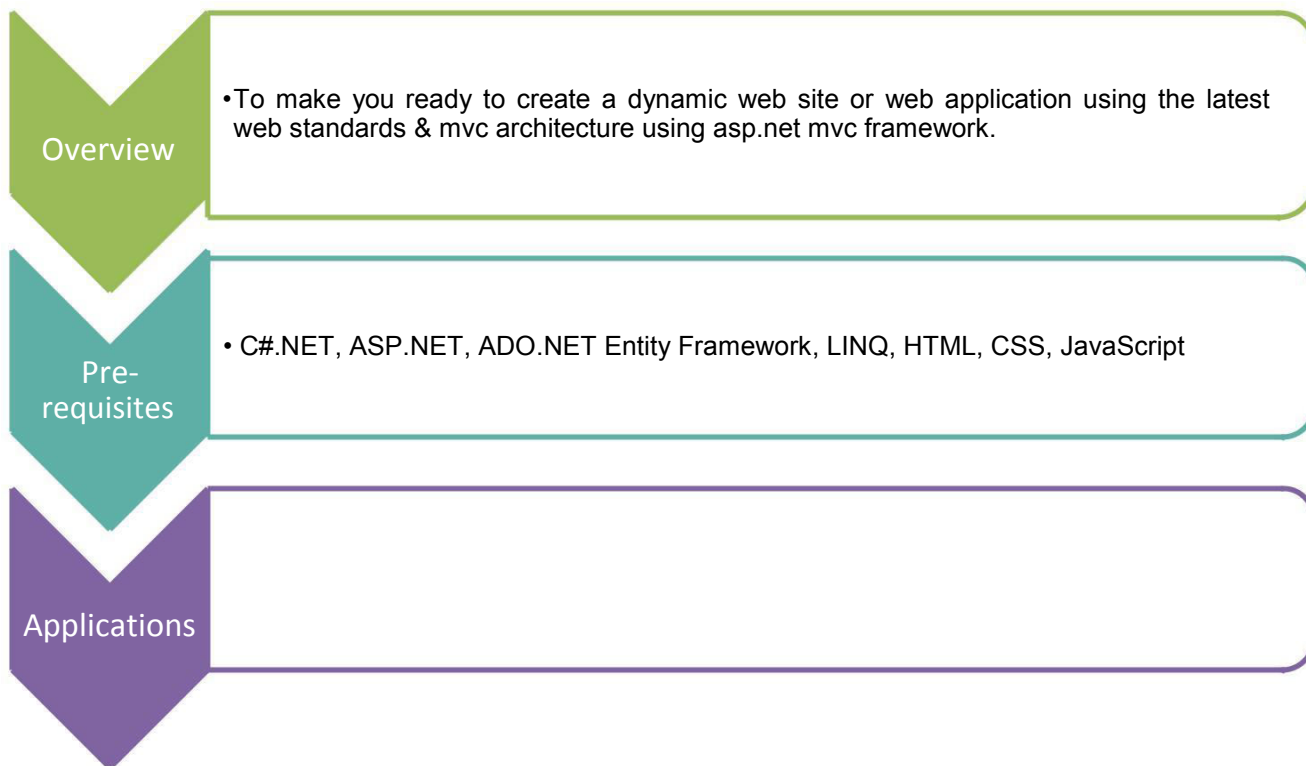


ASP.NET MVC



COURSE CONTENTS

Introduction to ASP.NET MVC

- ❖ What is ASP.NET MVC
- ❖ Advantages of ASP.NET MVC
- ❖ ASP.NET Web Forms (vs) ASP.NET MVC
- ❖ ASP.NET MVC Versions

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- ❖ Overview to MVC Architecture
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ASP.NET MVC – Basic Concepts

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- ❖ Creating Views
- ❖ Creating Models
- ❖ Request
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ASP.NET MVC – Types of Action Result

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- ❖ FileResult
- ❖ ViewResult
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- ❖ JsonResult
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- ❖ ViewBag
- ❖ Strongly Typed Views
- ❖ Session
- ❖ Application
- ❖ Cache

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- ❖ Output Cache
- ❖ Action Name
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- ❖ Handle Error
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- ❖ Http Post
- ❖ Http Put
- ❖ Http Delete
- ❖ Validate Anti Forgery Token
- ❖ Route
- ❖ RoutePrefix
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ASP.NET MVC – Razor

- ❖ What is View Engine
- ❖ ASPX View Engine (vs) Razor View Engine
- ❖ Razor – Code Blocks
- ❖ Razor – Expressions
- ❖ Razor - If
- ❖ Razor – For
- ❖ Razor – Foreach
- ❖ Razor – Literals
- ❖ Razor – Comments

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- ❖ Shared Views
- ❖ Layout Views
- ❖ _ViewStart.cshtml
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- ❖ Partial Views
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COURSE CONTENTS

ASP.NET MVC – Entity Framework

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- ❖ Connection Strings
- ❖ DbContext and DbSet
- ❖ Data Annotations

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- ❖ Advantages
- ❖ ASP.NET MVC (vs) ASP.NET Web API
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- ❖ LabelFor
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- ❖ PasswordFor
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- ❖ Custom HTML Helpers
- ❖ Bundling and Minification

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- ❖ Required
- ❖ Range
- ❖ RegularExpression
- ❖ Compare
- ❖ StringLength
- ❖ Remote
- ❖ ModelState.IsValid

ASP.NET MVC – N-Tier Architecture

- ❖ Repository Layer
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- ❖ Domain Models
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- ❖ Dependency Injection (Unity.Mvc)

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ASP.NET Core MVC 1.0

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