

TTDG04 : Developing ASP.NET MVC 6 with Microsoft Visual Studio 2017**Description :**

เรียนรู้การทำงานการพัฒนา Application ของ ASP.NET MVC (Model-View-Controller) บน Microsoft Visual Studio.NET 2017 บน Framework รุ่น 6.0

Instructor :

Training Date : **17-21 June 2024**

fee : **15000 ฿** (ราคายังไม่รวม Vat 7%)

Days & Duration : **5 Day(s) | 30 Hour(s)**

Time : **09:00:00 - 16:00:00**

Language : **Thai**

Venue : **Software Park Training Room 3rd floor, Software Park Building Chaengwattana Road, Pakkred**

Type : **Classroom**

Category : **Digital Technology**

[Asst. Prof. Dr. Walisa](#)

[Romsaiyud](#)

Objectives :

In this course, learn to develop advanced ASP.NET MVC6 applications using .NET framework 6.0 tools and Microsoft Visual Studio.net 2017. ASP.NET MVC (Model-View-Controller) framework is a lightweight, highly testable presentation framework that (as with Web Forms-based applications) is integrated with existing ASP.NET features, such as master pages and membership-based authentication. The focus will be on coding activities that enhance the performance and scalability of the web site application.

Target Group :

- Working knowledge on Web Application/Web Designer/Programmer
- Basic Knowledge of Microsoft Visual Studio 2010/2012/2013/2015
- Using C#

Benefits :

ผู้เข้าอบรมได้เรียนรู้การทำงานของ ASP.NET MVC (Model-View-Controller) บน Microsoft Visual Studio.NET 2017 บน Framework รุ่น 6.0 ซึ่งจะมี classes ไว้รองรับการทำงานในหลายๆ รูปแบบ เพื่อนักพัฒนาสามารถจัดการและดูแลตัวระบบที่มีขนาดใหญ่ได้ง่ายมากขึ้น อีกทั้งยังช่วยให้การพัฒนาเพิ่มเติม หรือแก้ไข ปรับปรุง ตัวระบบต่างๆ ได้สะดวกมากยิ่งขึ้นอีกด้วย

Course Outline :**Module 1: Introduction to ASP.NET MVC 6**

- Overview of Microsoft Web Technologies
- Overview of ASP.NET 6
- Creating a MVC 6 Web Application
- The MVC 6 Web Application Structure

Module 2: Developing ASP.NET MVC6 Controllers

- Creating MVC Controller
- Action Methods
- Parameters in Controller Actions

Module 3: Developing ASP.NET MVC6 Models

- Creating MVC Models
- Scaffolding and the Entity Framework
- Code First Conventions
- Model Binding

Module 4: Developing ASP.NET MVC6 Views

- Creating MVC View
- ViewData vs. ViewBag
- Strongly Typed Views
- View Models
- The Razor View Engine
- Partial View

Module 5: Forms and HTML Helpers

- Using Forms
- Using HTML Helpers

- ## Module 6: Data Annotations and Validation

- Unit Validation Annotations
- Custom Error Messages and Localization
- Display and Edit Annotations

- Using the Authorization
- Roles and Membership
- External Login via OAuth and OpenID
- Understanding the Security Vectors in a Web Application

- JQuery
- AJAX Helpers
- Improving AJAX Performance

- Defining Routes
- How Routes Generate URLs
- Using Routing with Web Forms

- Adding a Library as a Package
- Creating Packages
- Publishing Packages

- ASP.NET Web API
- Creating an API Controller
- Exploring APIs Programmatically

- Unit Testing MVC Components
- Implementing an Exception Handling Strategy

- Deploying Web Applications
- Deploying MVC 6 Applications

- Build Mobile Based Application
- JQuery Mobile MVC plugin

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2. Account transfer and send the proof of the payment (the deposit slip) via email ttd@swpark.or.th

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- Withholding tax (3%) is exempt.
- Should you need to withdraw, you must send the notice of the withdrawal in writing no later than 7 working days before the commencement date. The cancellation less than 7 days will be subject to a fine of 40% of the fee.
- Software Park Thailand reserves the rights to cancel courses due to unforeseen circumstances.

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For more information, contact our course coordinator on:

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You are encouraged to use the course schedule as a guide to plan your training. The schedule is accessible at www.swpark.or.th for more information.