

No : 258/PNW/BM/VII/15

Jakarta, 08 Juli 2015

Hal : Perkenalan dan Penawaran Training

Kepada Yth,

Bapak Joko

Di Tempat

Bersama ini kami, PT Brainmatics Cipta Informatika mengajukan surat perkenalan sekaligus penawaran *IT training and consulting* kepada perusahaan bapak/ibu sekalian. Surat perkenalan dan penawaran ini kami kirimkan untuk menjalin hubungan kerjasama yang berkesinambungan khususnya dalam pengembangan dan sertifikasi SDM di bidang IT untuk perusahaan bapak/ibu sekalian. Kami berharap dengan layanan training yang kami sediakan, akan mampu meningkatkan kualitas SDM dan pada akhirnya membantu meningkatkan produktifitas kerja di perusahaan Bapak/Ibu sekalian.

Untuk informasi lebih lanjut mengenai perusahaan kami, silakan menghubungi kami melalui:

**PT. BRAINMATICS CIPTA INFORMATIKA****Menara Bidakara, 2nd Floor, Suite 0205**

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Demikian surat perkenalan dan penawaran ini, atas perhatiannya kami ucapkan terimakasih.

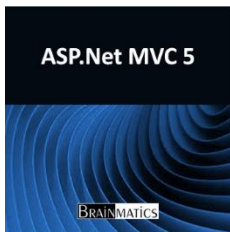
Hormat kami,

**Annisa Priyandini*****Marketing Manager***

## Inhouse ASP.NET MVC 5 - Gramedia

COURSE NAME	DURATION	QTY	SCHEDULE	PRICE (RP)
ASP.NET MVC 5	32 hours	7 person/1 package	Open Request	27.300.000

### DESCRIPTION



ASP.NET MVC 5 Framework adalah evolusi terbaru dari platform web Microsoft ASP.NET yang menyediakan model pemrograman produktivitas tinggi yang mempromosikan arsitektur cleaner kode, pengembangan test-driven, dikombinasikan dengan semua fitur dari ASP.NET. ASP.NET MVC 5 memiliki sejumlah kemajuan update dari versi sebelumnya, termasuk kemampuan untuk menentukan rute menggunakan atribut C# dan kemampuan untuk mengesampingkan filter.

### OBJECTIVES

1. Mampu memahami arsitektur dari ASP.NET MVC 5
2. Mampu mengimplementasi fitur baru dari ASP.NET 5
3. Mampu mengimplementasikan MVC dalam pengembangan aplikasi yang akan dilakukan
4. Mampu mengimplementasikan dengan cepat dan mudah dan dapat membandingkan fitur yang ada di ASP.NET klasik dengan yang ada di ASP.NET MV

### TARGET AUDIENCE

1. IT Professionals
2. Developers

### SKILL REQUIREMENTS

None

## CONTENT

### 1. Introduction to ASP.NET MVC

- 1.1. Understanding the History of ASP.NET
- 1.2. Web Development Today
- 1.3. Key Benefits of ASP.NET MVC

### 2. Make First MVC Application

- 2.1. Preparing Visual Studio
- 2.2. Creating a New ASP.NET MVC Project
- 2.3. Rendering Web Pages
- 2.4. Creating a Simple Data-Entry Application

### 3. The MVC Pattern

- 3.1. The History of MVC
- 3.2. Understanding the MVC Pattern
- 3.3. Building Loosely Coupled Components

### 4. Essential Language Features

- 4.1. Preparing the Example Project
- 4.2. Using Automatically Implemented Properties
- 4.3. Using Object and Collection Initializers
- 4.4. Using Extension Methods
- 4.5. Using Lambda Expressions
- 4.6. Using Automatic Type Inference
- 4.7. Using Anonymous Types
- 4.8. Performing Language Integrated Queries
- 4.9. Using Async Methods

### 5. Working with Razor

- 5.1. Preparing the Example Project
- 5.2. Working with the Model Object
- 5.3. Working with Layouts
- 5.4. Using Razor Expressions

## 6. Essential Tools for MVC

- 6.1. Preparing the Example Project
- 6.2. Using Ninject
- 6.3. Unit Testing with Visual Studio
- 6.4. Using Moq

## 7. SportsStore: A Real Application

- 7.1. Starting the Domain Model
- 7.2. Displaying a List of Products
- 7.3. Preparing a Database
- 7.4. Adding Pagination
- 7.5. Styling the Content

## 8. SportsStore: Navigation

- 8.1. Adding Navigation Controls
- 8.2. Building the Shopping Cart

## 9. SportsStore: Completing the Cart

- 9.1. Using Model Binding
- 9.2. Completing the Cart
- 9.3. Submitting Orders

## 10. SportsStore: Mobile

- 10.1. Putting Mobile Web Development in Context
- 10.2. Using Responsive Design
- 10.3. Creating Mobile Specific Content

## 11. SportsStore: Administration

- 11.1. Adding Catalog Management

## 12. SportsStore: Security & Finishing Touches

- 12.1. Securing the Administration Controller
- 12.2. Image Uploads

## 13. Deployment

- 13.1. Preparing Windows Azure
- 13.2. Deploying the Application

## 14. Overview of MVC Projects

- 14.1. Working with Visual Studio MVC Projects
- 14.2. Debugging MVC Applications

#### 14.3. Using Browser Link

### 15. URL Routing

#### 15.1. Preparing the Example Project

#### 15.2. Introducing URL Patterns

#### 15.3. Creating and Registering a Simple Route

#### 15.4. Defining Default Values

#### 15.5. Using Static URL Segments

#### 15.6. Defining Custom Segment Variables

#### 15.7. Constraining Routes

#### 15.8. Using Attribute Routing

### 16. Advanced Routing Features

#### 16.1. Preparing the Example Project

#### 16.2. Generating Outgoing URLs in Views

#### 16.3. Customizing the Routing System

#### 16.4. Working with Areas

#### 16.5. Routing Requests for Disk Files

#### 16.6. Bypassing the Routing System

#### 16.7. URL Schema Best Practices

### 17. Controllers and Actions

#### 17.1. Preparing the Example Project

#### 17.2. Introducing the Controller

#### 17.3. Receiving Request Data

#### 17.4. Producing Output

## 18. Filters

18.1. Preparing the Example Project

18.2. Using Filters

18.3. Using Authorization Filters

18.4. Using Authentication Filters

18.5. Using Exception Filters

18.6. Using Action Filters

18.7. Using Result Filters

18.8. Using Other Filter Features

## 19. Controller Extensibility

19.1. Preparing the Example Project

19.2. Creating a Custom Controller Factory

19.3. Working with the Built-in Controller Factory

19.4. Creating a Custom Action Invoker

19.5. Using the Built-in Action Invoker

19.6. Improving Performance with Specialized Controllers

## 20. Views

20.1. Creating a Custom View Engine

20.2. Working with the Razor Engine

20.3. Adding Dynamic Content to a Razor View

## 21. Helper Methods

21.1. Preparing the Example Project

21.2. Creating Custom Helper Methods

21.3. Using the Built-In Form Helper Methods

## 22. Templated Helper Methods

22.1. Preparing the Example Project

22.2. Using Templated Helper Methods

22.3. Using Model Metadata

22.4. Customizing the Templated View Helper System

## 23. URL and Ajax Helper Methods

- 23.1. Preparing the Example Project
- 23.2. Creating Basic Links and URLs
- 23.3. Using MVC Unobtrusive Ajax
- 23.4. Creating an Unobtrusive Ajax Form
- 23.5. Setting Ajax Options
- 23.6. Creating Ajax Links
- 23.7. Working with Ajax Callbacks
- 23.8. Working with JSON

## 24. Model Binding

- 24.1. Preparing the Example Project
- 24.2. Understanding Model Binding
- 24.3. Using the Default Model Binder
- 24.4. Manually Invoking Model Binding
- 24.5. Customizing the Model Binding System

## 25. Model Validation

- 25.1. Preparing the Example Project
- 25.2. Explicitly Validating a Model
- 25.3. Displaying Validation Messages
- 25.4. Using Alternative Validation Techniques
- 25.5. Performing Client-Side Validation
- 25.6. Performing Remote Validation

## 26. Bundles

- 26.1. Preparing the Example Application
- 26.2. Profiling Script and Style Sheet Loading
- 26.3. Using Script and Style Bundles



## 27. Web API and Single-page Applications

- 27.1. Understanding Single-page Applications
- 27.2. Preparing the Example Application
- 27.3. Using Web API
- 27.4. Understanding How the API Controller Works
- 27.5. Using Knockout for Single-page Applications
- 27.6. Completing the Application

## FACILITIES

1. Satu PC multimedia untuk satu peserta (Privete / Regular)
2. Modul materi dalam bentuk cetak hardcover dan CD (Privete / Regular / Inhouse)
3. Certificate of course completion (Privete / Regular / Inhouse)
4. Training kit (Privete / Regular / Inhouse)
5. Souvenir (Privete / Regular / Inhouse)
6. Makan siang dan snack dua kali (Privete / Regular)
7. Materi dan schedule bias customize (Private / Inhouse)

## INSTRUCTOR



**Kurnia Santoso, ST.** Lahir di Jakarta 3 Mei 1976. Menamatkan S1 Teknik Industri pada tahun 2007. Memiliki sertifikasi internasional: Microsoft Certified Database Administrator (MCDBA), Microsoft Certified Solution Developer (MCSD) dan Microsoft Certified Technology Specialist for SQL Server 2005. Aktif sebagai konsultan di bidang Software Development Engineer dan Computer Programmer

dengan berbagai jenis tools dan bahasa pemrograman yang dikuasai seperti: ASP, HTML, IIS, SQL Server, Visual Basic, Exchange Server, Visual Studio .NET dan SharePoint. Selain sebagai konsultan, juga aktif sebagai pengajar dalam bidang yang sama sejak tahun 2002 sampai sekarang.



**KETENTUAN**

1. Peserta terdaftar adalah peserta yang sudah melakukan pendaftaran dan pembayaran sesuai yang telah ditentukan
2. Peserta dimungkinkan membatalkan pendaftaran dengan cara konfirmasi kepihak Brainmatics maksimal 3 (tiga) hari sebelum pelaksanaan.
3. Masa berlaku penawaran 30 hari terhitung sejak tanggal penawaran.

