ASP.NET MVC 5.0
Lesson 00:

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People matter, results count.

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Document History

Date	Course Version No.	Software Version No.	Developer / SME	Reviewer(s)	Approver	Change Record Remarks
9/7/2014	1.0	MVC 4.0	Karthik Muthukrishnan			
2/9/2015	2.0	MVC 5.0	Shashank Saudagar			Version upgrade from 4.0 to 5.0
5/23/2015	3.0	MVC 5.0	Ganesh Desai	Vaishali Kasture	Mahima Sharma	Material revamped as per the Cepgemini integrated Course Curriculum .

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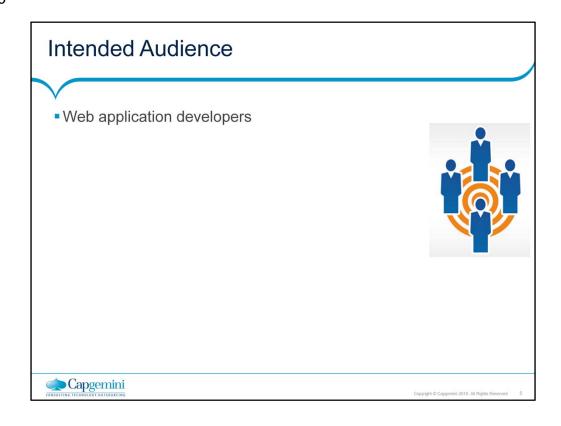CONSULTING.TECHNOLOGY.OUTSOURCING

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Course Goals and Non Goals

- Course Goals
  - To get familiar with fundamentals of ASP.NET MVC 5.0
  - Develop web applications using ASP.NET MVC 5.0

- Course Non Goals
  - Bootstrap and AngularJS will not be covered as part of this training.
  - Develop ASP.NET MVC 5.0 using jQuery Mobile is not part of this training

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Pre-requisites

- HTML, CSS, ASP.NET, C# & jQuery basics

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Intended Audience

- Web application developers

Day Wise Schedule

- Day 1
  - Lesson 1: Fundamentals of ASP.NET MVC 5.0
  - Lesson2: Working with Views
  - Lesson 3: Exploring Controllers

- Day 2
  - Lesson 4: Exploring Models & working with data
  - Lesson 5: Entity Framework 6 Features and Asp.net Scaffolding

- Day 3
  - Lesson 6 : Web Optimization with ASP.NET MVC
  - Lesson 7: Using AJAX In ASP.NET MVC

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- Lesson 4: Exploring Models & working with data
  - 4.1 Model Binding
  - 4.2 Data Annotation
- Lesson 5: Entity Framework 6 Features with Asp. Net Scaffolding
  - 5.1 Code First Model
  - 5.2 Multiple Migrations
  - 5.3 Scaffolding
  - 5.4 Async Queries
  - 5.5 Logging
  - 5.6 Moving schemas
- Lesson 6: Web Optimization with ASP.NET MVC
  - 6.1 Web Optimization
  - 6.2 Bundling & Minification
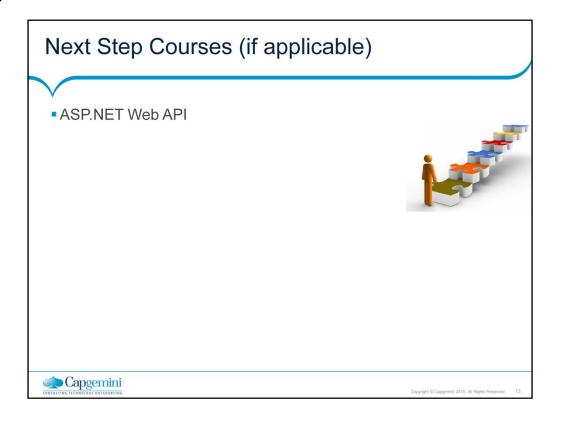 - 6.3 Configuring bundles

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References

- Professional ASP.NET MVC 5 – Wrox Pub.
- Programming ASP.Net MVC – Microsoft Press
- Pro MVC 5 - Apress

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Next Step Courses (if applicable)

- ASP.NET Web API

Other Parallel Technology Areas

- Spring MVC
- Struts 2.X
- JSF