Instructor Notes:

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Document History

Date	Course Version No.	Software Version No.	Developer / SME	Change Record Remarks
21-Jul-2006	Ver1.0	1.2.6	Shrilata Tavargeri	NA
Jan-2009	Ver2.0	2.5	Shrilata Tavargeri	Changed material with new changes introduced in ver 2.5 and inputs from BU
Aug-2011	Ver 3.0	3.0	Shrilata Tavargeri	Changed material with new changes introduced in ver 3.0 and inputs from BU
June 2013	Ver 4.0	3.0	Mohan Chinnaiah	Revamped materials according to new requirements
May 2015	Ver 5.0	4.0	Rathnajothi Perumalsamy	Changed material with new changes introduced in ver 4.0
June-2016	Ver 6.0	4.0	Vinod Satpute Yukti Valecha Tanmaya Acharya	Modified as per Toc for ELTP
Feb-2018	Ver 7.0	4.0	Vaishali Srivastava	Modified as per TOC of ELTP

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Keep this as a hidden slide.
Note to co-ordinators: Not to be printed for the class book.

Instructor Notes:

Course Goals and Non Goals

- Course Goals
  - Understand the benefits of using Spring
  - Understand the principles of IoC and AOP
  - Be able to use AOP to handle cross-cutting concerns
  - Connect business objects to persistent stores using Spring's DAO modules
  - Use the Spring MVC web framework to develop flexible web applications
- Course Non Goals
  - Design patterns, Spring Integration with different technologies

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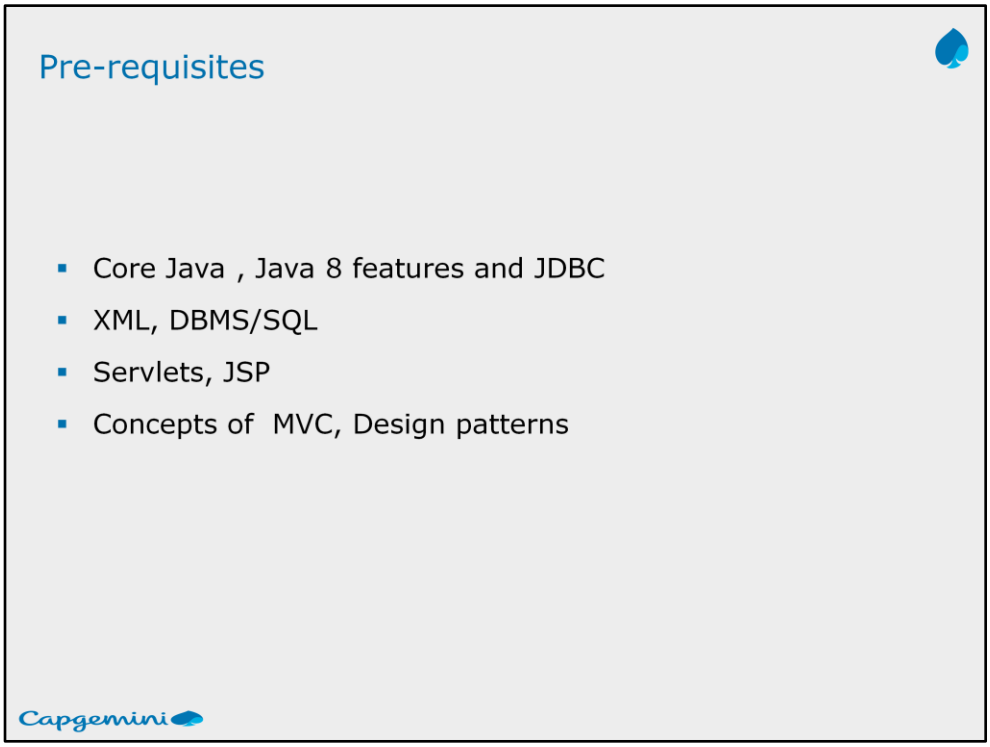

Instructor Notes:

Intended Audience

- All Java application developers especially Enterprise Java Programmers
- Software designers

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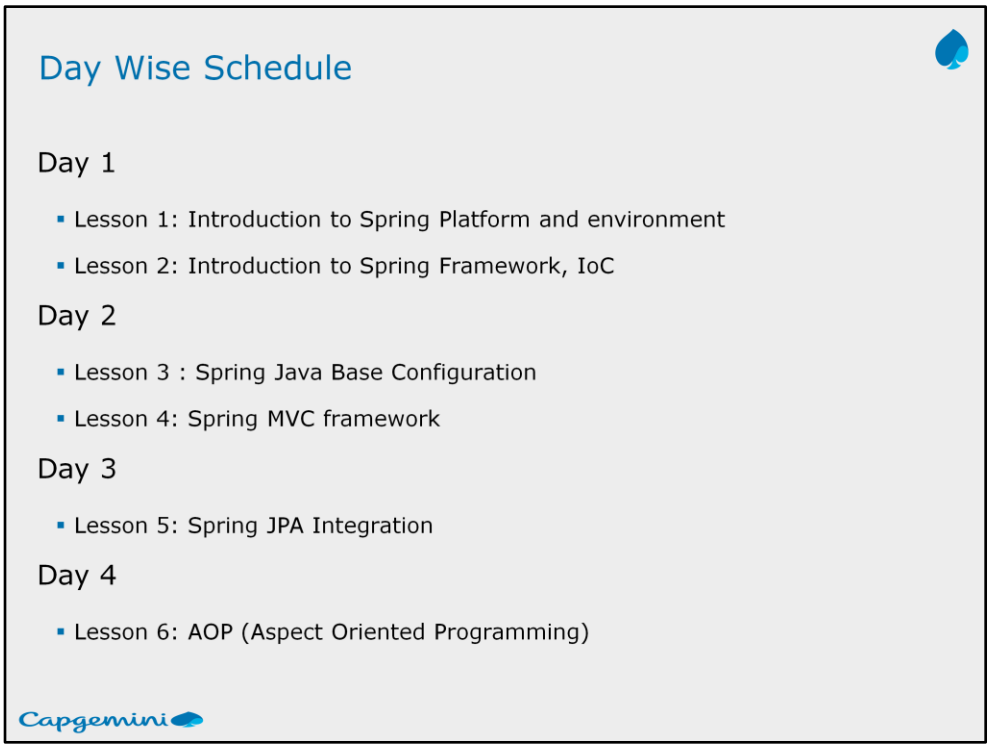

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References

- Spring in Action, Fourth Edition, Manning publications by Craig Walls
- Spring-framework-reference.pdf from SpringSource (this is available in the downloaded Spring software)

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Software required

- JDK version 1.8 + with help, Netscape or IE
- MS-Access/Connectivity to Oracle database
- WildFly
- Eclipse Luna with Spring Tool Suite
- Spring 4.0 API with docs

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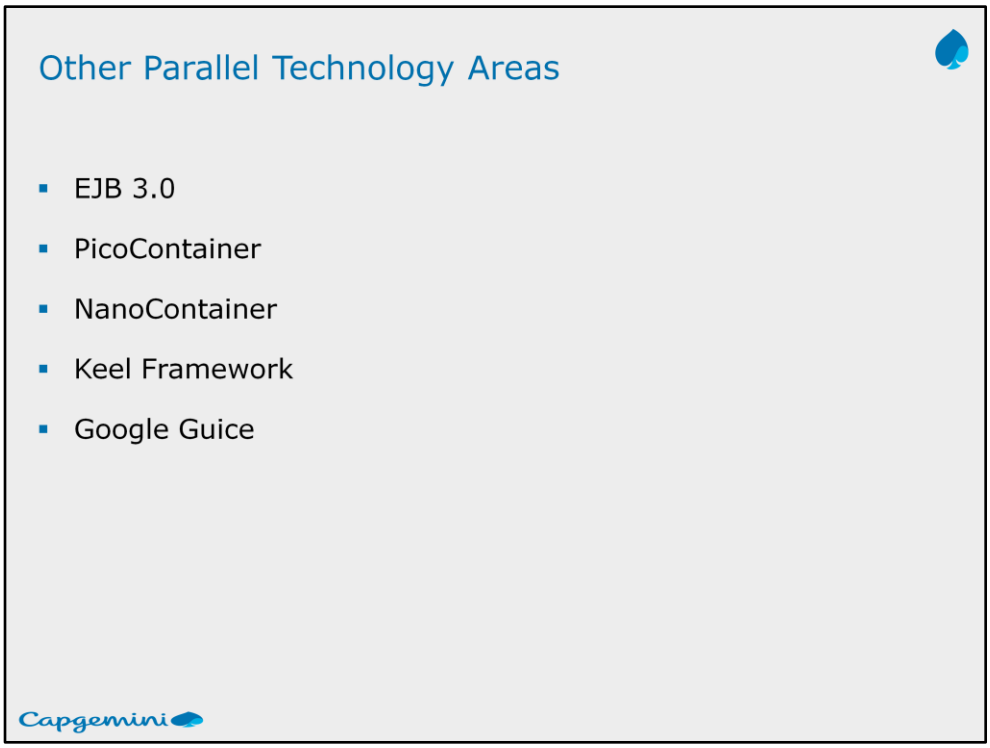

- PicoContainer: is an exceptionally small DI (Dependency Injection) container that allows to use DI for your application without introducing any dependencies other than PicoContainer itself
- NanoContainer: is an extension to PicoContainer fro managing trees of individual PicoContainer containers.
- Keel Framework: is more of a metaframework, in that most of its abilities come from other frameworks that are all brought together under one roof.
- Google Guice: focuses purely on DI.