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July 2016 6.2

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Refinement as per abridged TOC

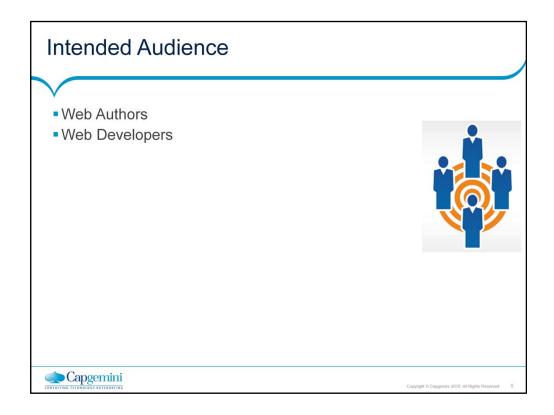
Course Goals and Non Goals

- Course Goals
- Understand the role of Java Servlets in the overall Java Enterprise
- Edition architecture
- Develop interactive web applications using HTML forms and Servlet 3.0 API
- Manage complex conversations with HTTP clients using session attributes
- Develop web applications that support File upload
- Implement filters
- Course Non Goals
 - Developing distributed web application or Enterprise Application
 - Implementing SSL (Secured Socket Layer)



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Pre-requisites Java with JDBC HTML/DHTML Javascript XML DBMS/SQL



Software requirement

- JDK 8.x
- WildFly 8.x
- Servlets 3.x API
- Eclipse 4.4.x (Luna)
- Oracle JDBC 4.0 connector library
- Oracle Client 10g and above



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Day Wise Schedule

- Day 0
 - Lesson 1: Java Web Applications
 - Lesson 2: Working with WildFly 8.x
- Day 1
 - Lesson 3: Introduction to Servlets API 3.0 and Ease of Development through Annotations
- Lesson 4: The Request object
- Lesson 5: The Response object
- Lesson 6: Configuring databases in WildFly
- Day 2
 - Lesson 7: Inter-Servlet Communication
 - Lesson 8: Session Tracking



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References

- Books
- Java EE 7 Server Programming for Professionals
- Head First Servlets and JSP
- Websites:
 - http://docs.coreservlets.com/servlet-3.0-api/
 - http://pdf.coreservlets.com/





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