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### Course Goals and Non Goals



#### Course Goals

- To learn about how to create XML document
- To understand the use of XML in web application development
- To create schema definition

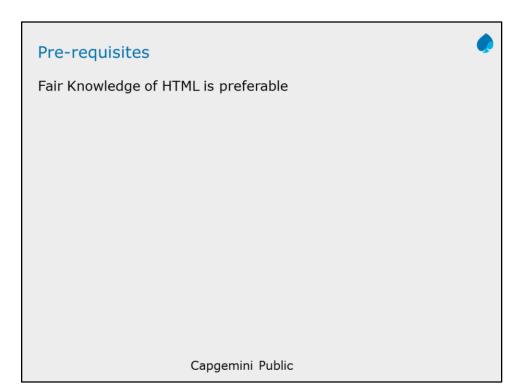
#### Course Non Goals

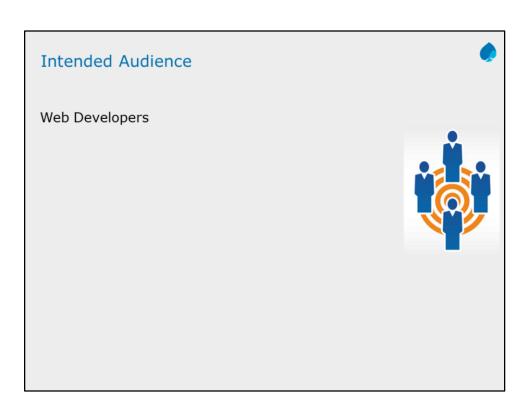
- To learn about how to create XSL and XSLT document
- To understand DOM implementation
- To learn XQuery

#### Note:

Goals: Participants should be able to know how to create XML document, understand the use of XML in web application development, and creating schema definition.

Non-Goals: Participants will not learn about creation of XSL and XSLT file. DOM implementation is beyond the scope of this course. XQuery is not in scope of this course.





# Day Wise Schedule



# Day 1

- Lesson 1: Introduction to XML
- Lesson 2: Anatomy of XML Document
- Lesson 3: XML Schema Definition

## Table of Contents



#### Lesson 1: Introduction to XML

- 1.1: Evolution of XML
- 1.2: Role of XML in web applications
- 1.3: Different members of XML family
- 1.4: Introduction to Namespace

#### Lesson 2: Anatomy of XML

- 2.1: Logical and Physical structure of XML file
- 2.2: Parts of XML file Elements, Attributes, Entities, PI's etc.

#### Lesson 3: XML Schema Definition

- 3.1: Advantages of Schema over DTD
- 3.2: Method to write a schema definition for an XML file
- 3.3: Data types used in schemas
- 3.4: Simple and Complex type of elements
- 3.5: Restrictions on XSD elements
- 3.6: Indicator Order, Occurrence, and Group

# References

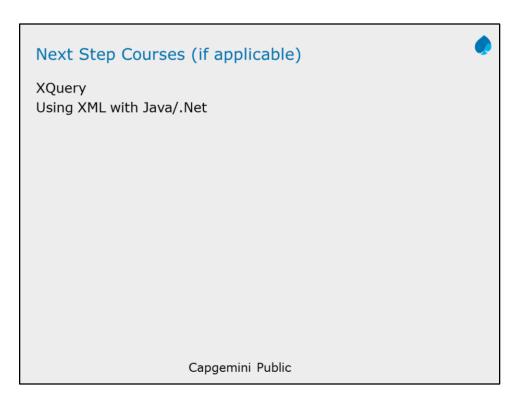
# Books:

Beginning XML; Wrox Publication

## Sites:

http://w3schools.com





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