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### **Document History** Date **Course Version Software Version** Developer / SME **Change Record Remarks** No. 06-Oct-0.1D NA Vaishali Kunchur Content Creation 2008 09-Dec-NA CLS team Review 2008 Jan-2009 1.0 NA Nilendra Nagwekar Review Updates based on 08-May-1.2 NA Veena Deshpande 2009 Repository Review Comments 05-May-NA 1.3 Veena Deshpande Updates as part of 2011 Integration Exercise Capgemini

### Course Goals and Non Goals

- Course Goals
  - At the end of this program, participants gain an understanding of the need of UML and different diagrams in UML.
- Course Non Goals
  - Detailed design and integration is not the part of this course.







# Intended Audience Programmers and Designers in Object-Oriented Technology

# Day Wise Schedule

- Day 1
  - Lesson 1: Introducing UML
  - Lesson 2: Dynamic View Diagrams( contd on Day 2 also )
- Day 2
  - Lesson 3: Static View Diagrams
  - Lesson 4: General and Extension Mechanisms in UML



### **Table of Contents**

- Lesson 1: Introducing UML
  - 1.1. Principles of Modeling
  - 1.2. What is UML? What UML is NOT?
  - 1.3. UML Building Blocks
  - 1.4. UML Diagrams
- Lesson 2: Dynamic View Diagrams
  - 2.1. Use Case Diagrams
  - 2.2. Activity Diagrams
  - 2.3. Sequence Diagrams
  - 2.4. State Chart Diagrams



### **Table of Contents**

- Lesson 3: Static View Diagrams
  - 3.1. Class Diagrams
  - 3.2. Object Diagrams
- Lesson 4: General and Extension Mechanisms
  - 4.1. UML General Mechanisms
  - 4.2. UML Extension Mechanisms



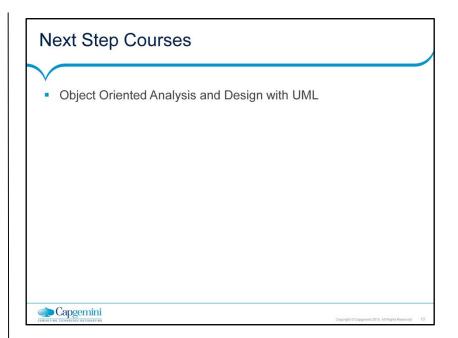
## References

- Student material:
- Class Book (presentation slides with notes)
- Book:
  - UML User's Guide; by Grady Booch, Ivar Jacobson, and James Rambaugh



- Web-site:
  - http://www.uml.org/





# ● NA (Notations exist but not as an industry wide standard on par with UML) Cappening Cappening