

Introduction to Business Analysis Training Course Content

1. Roles of the Business Analyst in Software Development

- What is a business analyst?
- How has the role of the BA changed?
- Why has the role of the BA changed?
- What are the essential skills of a business analyst?
- Why is the business analyst a key role in the project?
- Class discussion and review questions

2. Requirements Concepts

- What are requirements?
- Types of requirements
- Qualities of good requirements
- Requirements management concepts
- Class discussion and review questions

3. Basics of the Process

- Unified Process verses Waterfall methodologies
- Unified Process phases, milestones, and disciplines
- Key Analysis deliverables
- Class discussion and review questions

4. Requirements Gathering Techniques

- Interviewing
 - Exercise – Choosing interviewees
 - Exercise – Writing interview questions
 - Exercise – Conducting an interview
 - Optional exercise - optional – Post-interview follow-up
- Storyboarding
 - Optional exercise – Plan and document a storyboarding session
- Brainstorming
 - Exercise – Prepare for a brainstorming session
 - Optional exercise – conduct a brainstorming session
- Requirements workshops
 - Exercise – Develop and plan a workshop agenda
- Questionnaires
 - Optional exercise – develop a questionnaire
- Document analysis
- Building and using prototypes
- Class discussion and review questions

5. Creating Requirements as Use Cases and Supplemental Documents

- The role of use cases in requirements documentation
- Use Case details
- Finding Use Cases and Actors
 - Exercise – Creating actors and use cases
 - Exercise- Removing redundancies using the <<include>> stereotype
- Supplementary Documentation
- UML Activity Diagrams
 - Exercise - Creating an activity diagram of a use case scenario
- Class discussion and review questions

6. Risk, Change, and Configuration Management

- A simple approach to Risk management
 - Class discussion and review questions on the nature of risk management
 - Exercise – Identifying risks
 - Class discussion and review questions on risk process
- The basics of change management
- Class discussion and review questions

7. Quality Assurance Management

- The Nature of Quality
- Quality Management
 - Class discussion and review questions on the nature of quality and its application
- Test Management
 - Class discussion and review questions