

Business Analysis Course Curriculum

1. **Introduction and Fundamentals**
 - ❖ Business Analyst – Who, What, Why?
 - ❖ BA – qualities, skills, roles, responsibilities
 - ❖ BA – Fundamentals
2. **BA – Knowledge Areas**
 - ❖ Software Development Life Cycle
 - ❖ Methodologies – Waterfall, Agile, Scrum, RUP
3. **Enterprise Analysis**
 - ❖ Business Architecture, Feasibility Studies, Project Scope
4. **Requirement Process, Planning & Management**
 - ❖ What are requirements?
 - ❖ Characteristics of Requirements
 - ❖ Types of Requirements
 - ❖ Functional & Non-Functional Requirements
 - ❖ The Requirements Process
 - ❖ Planning & Managing Requirements
5. **Requirements Elicitation**
 - ❖ Principles / Constraints / Techniques
 - ❖ JAD – Joint Application Development
 - ❖ Data Analysis
 - ❖ Creating Models, Scenarios
 - ❖ Interviewing
 - ❖ Brainstorming
 - ❖ Reverse Engineering
 - ❖ Prototyping
6. **Requirements Analysis**
 - ❖ RTM - Requirements Traceability Matrix
 - ❖ Change Management
 - ❖ Requirements Risk Management
 - ❖ Gap Analysis
 - ❖ Impact Analysis
7. **Requirements Specifications**
 - ❖ FSD / BRS / URD / BRD (Business Requirements Document)
 - ❖ Writing Functional Specifications Document
 - ❖ Rules, problems, use of terms, structure
8. **UML**
 - ❖ UML 2.0 – working with use case diagrams, activity diagrams, knowledge on class, object, state, sequence, collaboration, component, and deployment diagrams
 - ❖ Working with UML tools
 - ❖ Working with UI tools
9. **Requirements Verification and signoff**
 - ❖ Structure and Grammar, banned words
 - ❖ Validations, Pre-Review, Review
 - ❖ Signoff
10. **Miscellaneous**
 - ❖ Versioning
 - ❖ Repositories
 - ❖ Approvals
11. **Validation**
 - ❖ QA, QC, Software Testing
 - ❖ Types of Testing
 - ❖ Testing Methods
 - ❖ Testing Levels
 - ❖ Testing Strategy, Planning, Test Cases
 - ❖ UAT (User Acceptance Testing)
12. **Topic-wise study materials**
13. **Topic-wise Case Studies**
14. **Student Portal – Online Reference Library**
15. **Project Wok**



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