Business Analysis – Online Course

Business Analysis is a set of tasks and techniques used to work as a liaison among stakeholders in requirements management for a software project. Business Analysis ensures that the customer, end user, and developers have a common understanding of software project requirements.

Our course, in general, is equipped with:

40+ hours of sessions

40+hours of assignments making it one end-to-end project implementation

20-30 hours of second real-time project implementation

Total duration of the course is for 100+ hours.

1. Introduction and Fundamentals
- Business Analyst – Who, What, Why?
- BA – qualities, skills, roles, responsibilities
- BA – Fundamentals
- CMMI Overview
- IIBA, BABOK, CBAP, CCBA Overview
- Software Development Life Cycle
- Methodologies – Waterfall, Agile, Scrum, RUP, Iterative, Incremental, Lean etc.

2. Enterprise Analysis
- Product vs Service
- Client Software – why, how, when, who, where
- Business Architecture
- Feasibility Studies
- Project Scope
- Business Case

3. Requirement Process, Planning and Management
- Understanding IT project hierarchy
- Project Charter
- Requirements Process
- RACI Matrix
- Requirements Planning
- Work Efforts & Estimations
- Managing Requirements
- BA's responsibilities
- BA's plan to feed into Project Plan

4. Requirements
- What are requirements?
- Characteristics of Requirements
- Types of Requirements
- Business Requirements
- User Requirements
- System Requirements
- Functional Requirements
- Non-Functional Requirements
- Implementation Requirements
- UI Requirements

5. Requirements Elicitation
- Principles, Constraints, Techniques
- Data Analysis
- Creating Models, Scenarios
- Context Diagrams
- Surveys
- Questionnaire
- Interviewing
- Focus Group Interviews
- Brainstorming
- Reverse Engineering
- Prototyping
- Wire Frames
- JAD – Joint Application Development

6. Requirements Analysis
- Classifying Requirements
- Prioritizing Requirements
- Architectural Design
- Requirements Allocation
- Requirements Validation
- Requirements Pre-Review and Review
- Requirements Walkthrough
- Sign Off

7. Requirements Documentation
- BRS, BRD, URS, URD, FRS, FSD, NFR, IR, UIR, SRS
- Writing Functional Specifications Document
- Rules, problems, use of terms, structure
- Structure and Grammar, banned words

8. UML
- Overview of UML2.x
- Object-Oriented Approach
- 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

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9. Requirements Management
- RTM - Requirements Traceability Matrix
- Requirements Change Management
- Requirements Risk Management
- Impact Analysis
- Gap Analysis

10. Miscellaneous
- Versioning
- Repositories
- Kick-off Meeting
- Minutes of Meeting
- Weekly Status Reports
- Approvals

11. Validation
- General Idea on how Testing Team works
- Terminology used by Testing Team
- QA, QC, Software Testing
- Testing Strategy, Planning, Test Cases
- Types of Testing
- Testing Methods
- Testing Levels

12. UAT (User Acceptance Testing)

13. Topic-wise study materials

14. Topic-wise Case Studies

15. Student Portal – Life-time free online reference library

16. Project Wok - 2 complete life cycles implementation

17. Miscellaneous - anything that is not covered above and within the scope of BA job, we will take up each and every such topic and discuss in the class.

18. Tools - all the tools a BA generally use - train on the main objective and how you to use so that learner can practice and get expert with them. At the same time get to know how to work any other similar tools available in the industry – both FREE & PAID versions.

19. Certification - at the end of the course, a course completion certificate will be awarded on our company name - BA Training School.

Online Delivery Model

All the courses are conducted by an expert instructor. These live instructor-led-sessions will be delivered through Internet via WebEx with VOIP services. Normally you will be connected to audio using your computer's microphone and speakers, but a headset is recommended.

What you need to have to take this course is:

- Personal Computer with good Broadband Internet Connection to access Internet and have VOIP calls.
- Headset
- Microphone

Trainer's Profile

- 14+ years of professional experience
- Varied domain knowledge – you can ask for any domain and do the project in your own specified domain.
- Excellent working knowledge of most of the technologies specifically with Microsoft Technologies
- Microsoft Certified Professional
- Highest Degree – MBA
- 4+ years of experience in training Business Analysis – both Internal & External trainees
- Ready to share knowledge
- Keen on helping students by going beyond a mile

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