

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
- IREB, PMI, BCS, IIBA, BABOK, CBAP Overview
- Software Development Life Cycle
- Methodologies – Waterfall, Agile, Scrum, RUP, Iterative, Incremental, Lean etc.

2. Enterprise Analysis

- Product vs Service, Static vs Dynamic
- Technical vs System
- 80/20 Rule, Moore's Law
- Client Software – why, how, when, who, where
- Gap Analysis
- Project Scope

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
- Document Analysis
- Observation, Job Shadowing
- 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
- Requirements Validation
- Requirements Walkthrough
- Sign Off
- Kick-Off Meetings
- Sprint Planning/Review Meetings
- Scrum/Stand-up Meetings

7. Requirements Documentation

- BRS, BRD, BSD, URS, URD, USD, FRS, FSD, FRD, NFR, IR, UIR, SRS
- Writing Functional Specifications Document
- Rules, problems, use of terms, structure
- Structure, Grammar, and banned words

8. UML, UI, PM concepts

- Overview of UML, Object-Oriented Approach
- Working with use case diagrams, activity diagrams
- Working with UML tools like MS Visio, StarUML, Visual Paradigm, LucidCharts, etc.
- Working with UI tools like Pencil, Balsamiq, Axure, etc.
- Working with JIRA, SharePoint, MS-Word

9. Requirements Management

- RTM - Requirements Traceability Matrix
- Requirements Change Management
- Requirements Risk Management
- Impact Analysis
- Conflicts Management

10. Miscellaneous

- Versioning
- Repositories
- Minutes of Meeting
- Weekly Status Reports
- Online 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, Methods, Levels of Testing
- Defects Management

12. UAT (User Acceptance Testing)

13. 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.

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.

Trainer's Profile

- 20+ years of professional experience in IT industry
- 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
- 10+ years of experience in training Business Analysis – both Internal & External trainees
- Ready to share knowledge
- Apart from BA experience, trainer possess very good knowledge on Project Management, Six Sigma, Testing
- Discuss more real-time scenarios, create more troubles and make you troubleshoot them, build confidence
- Keen on helping students by going beyond few miles.

14. Topic-wise study materials

15. Topic-wise Case Studies

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

17. Project Work - 2 complete life cycles implementation

18. Tools - all the tools a BA generally use - train on how to use any BA tool 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.

20. Resume Help - From day one, discuss on making BA resume without using any face things.

21. Interview Help - From day one, help with interview questions, what kind of questions, how to defend them, how to prepare, etc.

22. Any other topics related to BA not covered above