

Business Analysis Training

Module 1. Introduction to BA:

- Business Analysis Overview & origin.
- What is Business Analysis & Who is a Business Analyst(Functions)
- Types of IT companies.
- IT hierarchy
- Stake Holders and types of Stake holders.
- SPOC, SCOPE, SCOPE CREEP.
- Business Analyst Prerequisites
- Roles and Responsibilities of a BA
- Do's and Don'ts. Of a BA.
- Problems faced by a BA with stakeholders in gathering requirements.
- Stages in Business Analysis

Module 2. SDLC PROCESS:

- SDLC(Software Development Life Cycle)-Phases:
- Enterprise planning
- Designing phase
- Development phase
- Testing phase
- Installation phase
- Maintenance phase
- Role of a BA in each phase

Module 3. SDLC METHODS & MODELS or Software Engineering Methods

SDLC-Methodologies and Models

- Sequential Methodology/Water fall model
 - Iterative methodology/RUP
 - Evolutionary Methodology/spiral model/prototyping model
- A. What are prototypes and different types
- B. Difference between a wireframe, prototype and mockup
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- Agile Methodology/XP or Scrum
 - Difference between method and model

Module 4. SIX KNOWLEDGE AREAS:

1. 6-knowledge Areas or Stages in Business Analysis:
 - Enterprise Analysis (Parito analysis, fish bone analysis, SWOT analysis, GAP analysis, Feasibility study, Business case writing)
 - Requirement Planning and Management(RACI-Responsible, accounted, consulted and informed)
 - Requirement Elicitation or gathering(Techniques of gathering requirements)
 - Requirement Communication
 - Requirement Documentation
 - Solution assessment and validation.

Module 5. REQUIREMENTS ANALYSIS PROCESS

- Requirements and types.
- Guide lines for good requirements.
- Parameters of good requirement.
- What is requirement gathering?
- How to conduct requirement gathering session-phases.
- Mistakes and challenges associated with requirement gathering.

Module 6. DOCUMENTATION (SRS, BRD, FRS & SOW):

- Types of Documents prepared by a BA and their Standards(BRD & SRS Documents)
- Contents of SRS & BRD documents
- Preparation of SOW.
- SOW-contents.
- RTM (Requirement Traceability Matrix).

Module 7. OOPS & MVC ARCHITECTURE:

- OOPS concepts
- Elements of OOPS
- Application of OOPS
- MVC architecture
- 2-tier & 3-tier architecture.

Module 8. UML DIAGRAMS & TOOLS

- UML introduction and diagrams
- Use case Diagrams-Relationships in Use case Diagrams.
- Contents of Use Case description Documents♣Extend and Include Functions.
- Sequence Diagrams(Brief Introduction)
- Activity Diagrams(Brief Introduction)
- Software's used for preparing UML diagrams, Documentation and Prototypes

Module 9. BPM, RUP & RAD:

- What is BPM(Business Process Modeling)
- RUP(Rational Unified Processing)-phases
- Documents prepared in RUP
- RAD(Rapid Application Development)
- Stages in RAD.

Module 10. SOFTWARE SERVERS & DIFFERENT TYPES OF SERVERS

- Types of servers
- Development Server.
- UAT server.
- How to do UAT testing and important points to be followed while doing UAT testing
- Production server
- Role of BA in each server.

Module 11. SOFTWARE TESTING – AREAS OF TESTING

- Testing-areas of testing
- Types of Testing
- Introduction to QA Methodology
- Role of BA in Testing
- Creating Test Plans
- Creating Test Cases
- Different Testing Methods
- Functional and Regression testing
- White Box and Black Box Testing
- Positive and Negative Testing
- GUI and Unit Testing
- User Acceptance Testing

Module 12. CHANGE MANAGEMENT PROCESS:

- Change Management Process
- Reasons for requirement changes

- Change request
- Change of scope
- Acceptable changes
- How to handle Change request
- Important points to be considered while handling CR

Module 13. Project Management System:

- How Project is initiated.
- Software bidding process.
- Basic knowledge of project includes
- BA proportion in project
- Project types
- Types of payment for projects
- Mails management
- Project standards
- Time sheets
- Budget allocation
- Gantt charts
- Project Milestone and pricing.
- Company Approach on project.
- Reasons for project failure.
- Risk Analysis and Management.

Added features:

Resume Preparation

- Resume Preparation Tips
- Sample Resumes

Interview Preparation:

- Interview Preparation Tips
- Sample Interview Questions
- How to clear an Interview.