



Business Analysis

Course description

A Business Analyst is the key figure in understanding business requirement and its implementation. This course is designed to help you understand Business Analysis right from Software Engineering Methods & Lifecycles to Requirements Preparation, analysis and presentation.

Student Take away

- Study Material
- Learning stuff
- Sample project for practice

Business Analysis Online Training Curriculum

Introduction to BA

- Business Analysis Overview
- Origin of Business Analysis
- 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
- Problems faced by a BA with stakeholders in gathering requirements.
- Stages in Business Analysis

SDLC Processes

- SDLC Phases
- Enterprise planning
- Designing phase
- Development phase
- Testing phase
- Installation phase
- Maintenance phase
- Role of a BA in each phase

SDLC Methods and Models or Software Engineering Methods

- Methodologies and Models

SDLC Methods and Models or Software Engineering Methods continues...

- Sequential Methodology
- Water fall model
- Iterative methodology
- RUP
- Evolutionary Methodology
- Spiral model
- Proto-typing model

Proto-typing model

- What are prototypes?
- Different types
- Difference between a wireframe, prototype and mock-up

Difference between a wireframe, prototype and mock-up

- Agile Methodology/XP or Scrum
- Difference between method and model

SIX KNOWLEDGE AREAS

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

Requirement 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

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)

OOPS & MVC Architecture

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

UML Diagrams and Tools

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

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

Software servers and different types of servers

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

Software testing and 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

Software testing and Areas of Testing continues...

- Functional and Regression testing
- White Box and Black Box Testing
- Positive and Negative Testing
- GUI and Unit Testing
- User Acceptance Testing

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

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
- Interview Preparation

Resume Preparation

- Resume Preparation Tips
- Sample Resumes

Interview Preparation

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