BUSINESS ANALYST
COURSE CURRICULUM

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Business Analyst

Course Content:

Introduction
◆ Introduction to IT Business Dynamics
◆ Introduction to Management Dynamics
◆ Overview of SDLC – Software Development process
◆ Why Business Analyst is critical for a Project
◆ Introduction to Types of Requirements
◆ Typical questions to be asked for the business team while gathering requirements
◆ Change management
◆ Feasibility Analysis /Risk Analysis
◆ Configuration management
◆ Processes to be followed to gather requirements
◆ Roles and Responsibilities of BA
◆ Skills required to perform BA role
◆ Deliverables of a BA

Requirement Engineering, Development & Modelling
◆ What is the Requirement Engineering
◆ Different Requirement Engineering Tasks
◆ Problems with Requirement Practices
◆ Requirement Management in real working Projects – Disciplines
◆ Enterprise & Gap Analysis Techniques – RCA, SWOT, FISHBONE, McKinsey 7S
◆ The framework, Nadler Tushman Model, etc.
◆ Requirement Document Template

Requirement Prioritization
◆ Why prioritize requirements
◆ Factors to consider while prioritizing requirements
◆ Participants of Requirement Prioritization
◆ The process to follow while prioritizing requirements
◆ Requirement Prioritization Model

SDLC Models
◆ What is a Software project
◆ Models of SDLC
◆ Waterfall Model
◆ Agile Model
◆ Scrum
◆ RAD
◆ Spiral
◆ Prototype Model
◆ How as a BA we get involved in different phases of SDLC

Business Documents

♦ Overview of Documentation
♦ Overview of BRD Document - Post Mortem, Workshop, and Assignment
♦ Overview of FS Document - Post Mortem, Workshop, and Assignment
♦ Overview of SRS Document - Post Mortem, Workshop, and Assignment
♦ Overview of Business Rules document - Post Mortem, Workshop and Assignment
♦ Overview of Data Mapping Document - Post Mortem, Workshop, and Assignment
♦ Overview of Use Case - Post Mortem, Workshop and Assignment

Requirement Management Tools & Traceability Matrix

♦ Overview of RM Tools - JIRA, HP QUALITY CENTER, TRACECLOUD
♦ Tools Vs SDLC Models
♦ Working with RM Tools - Requirement Creation & Management
♦ Requirement Mapping & Traceability Creation, Review

System Quality Attributes

♦ What are System Quality Attributes
♦ What are the various SQA
♦ Non-Functional Requirements
♦ What are non-functional requirements
♦ What is the significance of non-functional requirements
♦ How the non-functional requirements are gathered
♦ Non-functional requirements document template

Flow Chart

♦ UML Diagrams (class, state, interaction, etc..)
♦ What is a flowchart diagram
♦ Different symbols used in a Flowchart diagram
♦ How the flowchart diagram is used in a software project
♦ How flowchart diagrams can be drawn using Microsoft Visio
♦ A real-life example of a flowchart diagram

UML

♦ What is UML
♦ The significance of UML Diagrams
♦ UML Diagrams (Activity, Use Case)

Wireframes or Mock-ups

♦ What is a wireframe
♦ Why is wireframe used
♦ How a wireframe can be drawn using Microsoft Visio
♦ An example wireframe

Software Development Methodologies

♦ What are the various software development methodologies
♦ Pros and cons of each of the methodologies
♦ How as a BA we get involved in the different methodologies
♦ Which are the most popular methodologies
♦ A detailed discussion of Agile methodology

Testing

◆ In-depth concepts of Software testing
◆ Different types of testing
◆ Difference between Manual and automation testing
◆ Various levels of software testing
◆ Testing artifacts
◆ Step by step process of software testing
◆ Test case document
◆ A real-life example of a test case document
◆ Role of a BA during testing

Data Modeling and Database Management system

◆ What is data modeling
◆ What are the entity and attributes
◆ What are the relationships
◆ What is ERD
◆ Basic concepts of Database management systems
◆ SQL Server 2012 imp concepts for BA
Functional and Domain Sessions
◆ HIPPA
◆ BASEL, 2
◆ HL7
◆ USA HEALTHCARE INDUSTRY STANDARDS
◆ INSURANCE
◆ RETAIL
◆ BANKING
◆ FINANCIAL

Description About Domain:

Loan origination (Mention all the list of vendors e.g. Mysis, LIS, FIS - Fidelity Information Services, Fiserv, Credit Check - Freddie Mac Risk Indicator Modules, FICA, Experian, Mention the workflow process of the enterprise applications, etc.).

Financial Services - use case of Fixed Income, face values, issue dates, how the calculation works, NPV, IRR - calculations

ONLINE BANKING

◆ Application Platform
◆ OLB Platform - Account Summary, eBanking, Enrollment, Activation
◆ Money Movement - Bill Pay, P2P, Transfers, Payments
◆ Vendors - Misys, Corellian Voyager, Fiserv
◆ Core Banking - use default
◆ Mobile banking - MEAP
◆ Vendors: Fiserv Mobility (US Bank), Kony (Capital One), ClairMail (M&TBank), SAP Sybase

HEALTHCARE EDI
♦ Heath care - ICD 10, ICD 11, PPO, PMO, HIPPA
♦ EDI - 270, 271 Transactions

HEALTHCARE INSURANCE
Projects Walkthrough on below Domains
♦ Life Insurance - Lab, Underwriting, actuary, Agents, Customer - T&C - Policy Issued·
♦ Introduction to Healthcare
♦ Industry Standards
♦ Transactions
♦ HIPAA and non-HIPAA EDI Standards
♦ Terminologies
♦ Transactions in Details
♦ 270-271, 276-277, 837, 835, 278, 275 transaction in details
♦ Crosswalks and clearinghouse concepts
♦ Trading partner concepts in health care
♦ HIPAA , CCR & CCD
♦ Communication through web service, XML
♦ Assignment for building transactions using standards
♦ Claims processing in details with steps and exercise
♦ Claims processing systems and use cases
♦ Crosswalks and government business like CMS Medicare and FEP
♦ Clinical and Care management
♦ Health Insurance
♦ Banking
♦ Insurance
♦ HealthCare
♦ FMCG
♦ Conclusion
♦ Certification Guidance and Support on IIBA syllabus
♦ Hundreds of IIBA Questions & Answers
♦ Common BA questions asked in an interview
♦ How to answer the interview questions
♦ Mock Interview
♦ Blog support.

Thank you

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Thank You for Going Through Business Analyst Curriculum
We hope this guide has provided a clear and structured learning path
to strengthen your skills in Business Analyst.

📌 **NEXT STEPS**

• Start practicing with real-world use cases and hands-on exercises
• Build personal or client-based projects for your portfolio
• Keep exploring updates and best practices in the industry
• Join discussions and stay connected with the community

📞 **Need Help or Guidance?**
Feel free to contact our course support team:
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