

Analysis of Business Systems

Finding, Examining, Creating, and Defining User Needs

Introduction

In order to design, develop, or acquire efficient computer-based business systems, business systems analysis is the process of gathering, evaluating, and defining the logical requirements from a business standpoint. It is seamlessly integrated and arranged around a model-driven analytical framework.

The critical thinking abilities, conceptual understanding, and best practices covered in this Course N Carry Analysis of Business System training course enable participants to quickly identify, evaluate, and specify business and user needs. The proper methods, duties, and strategies for defining the requirements for business system projects will be taught to participants. They will gain knowledge on how to collect business needs from customers and other stakeholders, analyse and convey these requirements, express the requirements through models and use cases, and define business rules and requirements specifications to share with solution developers.

This course will assist aspiring systems analysts in developing and designing system procedures that will contribute to the success of a business. Additionally, they will examine a wide range of contemporary methods that can be applied to guarantee that systems are accurately defined and thoroughly described.

Objectives

By the time this training session ends, you will understand how to:

- Recognise the Function of the Business Systems Analyst, the Process of Defining the System Scope, and the Systems Development Life Cycle (SDLC).
- Recognise the objectives and significance of system stakeholders.
- Arrange, carry out, and document an organised inquiry interview.
- Create a thorough use case explanation and a use case diagram.
- Establish System Actor Objectives and Translate Them into Use Cases
- Create Useful Business Regulations
- Record both functional and non-functional needs for the business.
- Put together the elements that a business requirements specification should have.

Training Methodology

Modern business systems analysis methodologies and approaches are imparted through succinct, targeted presentations, which are followed by workshops for hands-on learning. During these courses, case studies and real-world examples are used to apply the knowledge learned. Through group work, individual work, participant discussion, facilitator engagement, and constructive criticism, participants can quickly pick up the approaches and strategies.

Organizational impacts

- Less risk, expense, and time overruns in the creation of information technology
- Enhanced alignment between information technology initiatives and business requirements
- Enhanced dialogue between the organization's information technology department and business division
- The proper alignment of information systems that are created or acquired with the needs of the organisation

Personal Impact

In order to better prepare you for the opportunities and difficulties that come with business system analysis, this training programme will provide you a foundational fluency and literacy in a number of key areas.

Attendees will:

- Increase your productivity within or alongside a systems development project.
- Possess the capacity to extract from users the necessary business requirements
- Possess the ability to fully determine the needs of the company
- Clearly convey to developers the needs of the business
- Obtain credits for IIBA certification and recertification.

Who should attend?

The following is the intended audience for this business system analysis training course:

- Analysts of Business and Systems
- Business Architects
- Project Leaders for Systems Development
- Members of the Systems Development Team
- Managers who need to learn more about this crucial connection between IT systems and business users

Day 1

Overview of Business Systems Analysis

- Recognising the Business Environment
- The Function of Business Analysis in the Cycle of System Development
- Different Methods for Analysing Business Systems
- The Life Cycle of Systems Development (SDLC)
- Initiating a Project for Systems Development
- Recognising Other Stakeholders and System Users
- Formulating a Mission Statement
- Determining the System's Extent

Day 2

System Modelling

- An Overview of Concepts in Systems Modelling
- Modelling of Enterprise Architectures
- Normalisation
- System Context Modelling
- Modelling the System Scope
- Utilise Case Development
- Information Requirements Modelling

Day 3

Collecting and Sharing Requirements

- Organising, Carrying Out, and Investigating Further Using a Structured Interview
- Brainstorming and Workshops
- Questions and Surveys
- Examining and Observing Documents
- Analysis of Interfaces
- Random sampling

Day 4

Creating Use Cases That Are Effective

- Specifying Actors and Their Objectives
- Translating Actor Objectives into Use Cases
- Detailed Use Case Description Documentation
- Reorganising Use Cases
- Keeping the Data Dictionary Up to Date

Day 5

Formulating a Specification for Business Requirements

- Importance of Sufficient Conditions
- Compiling and Formulating Business Regulations
- Recording Necessities, Both Functional and Non-Functional
- Getting the Specification Ready
- Checking and Confirming Requirements
- Creating Test Cases
- Introducing Your Specification for Requirements