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Business Process Model and Notation (BPMN 2.0)

COURSE DETAILS DOCUMENT

Available Formats for this Course

LIVE Live - Online   In-person   Private Team Training

Prerequisites: Familiarity with business process management concepts and basic flowcharting principles.

Today's business processes are highly complex and intertwined with so many external and internal entities that mapping business processes, using conventional way, might be quite challenging. Also, with more and more technology getting embedded into organizations business processes, modeling business processes using standard flowcharting notations restricts modelers to depict interconnectedness between business and technology.

To overcome these challenges, adopting BPMN standards and creating business process models, using BPMN 2.0 semantics is the right approach. BPMN has not only helped to standardize business process modeling notations across the board, but this standardization of modeling notations has brought business and technical members on the same platform. Additionally, BPMN helps modelers capture all the detailed process semantics and also allows us to execute business processes through a BPM engine, which results in a shorter development cycle. The BPMN specification also provides a mapping between the graphics of

the notation to the underlying constructs of execution languages, such as Business Process Execution Language (BPEL).

Finally, a standard Business Process Model and Notation (BPMN) allows organizations to understand their complex business processes in a standardized manner, which can be easily understood by all the stakeholders, from business analysts (who create the initial drafts of processes) to technical developers (who implement the technology that performs the processes), to the employees (who use the technology). The objective of BPMN is to support business process management for both technical users and business users by providing a notation that is intuitive to business users yet able to represent complex process semantics.

Is this Program Right for You?

This course has been designed for any IT/Non-IT professional who is involved with business process improvement/business process re-engineering projects, planning to execute business processes on a BPM engine. This course starts from the basic level to most advanced concepts of BPMN 2.0. This course is most suited for the following roles:

- Business Analysts
- Business Process Analysts
- Business Process Managers
- Business and Technical Leaders
- Business Architects

- Project Managers
- Executives Involved in Business Process Improvement/Re-engineering Projects
- BPM Practitioners and Team Members
- Product Owners

Course Outline

▶ Module 1 — Business Process Management Fundamentals

1.1 What is a Business Process?
1.2 Understanding Business Process Management Lifecycle?
1.3 Key Management Concepts
1.4 Value Stream Mappin.
1.5 Business Process Improvement
1.6 Business Process Re-engineering
1.7 Lean Methodology
1.8 PDCA (Plan-Do-Check-Act) Model

1.9 Application and Usage of Business Process Management in Day-to-day Workplace Environment

1.10 Benefits of Business Process Management

Module 2 — Understanding Business Process Model and Notations (2.0)

2.1 What is Business Process Modeling?

2.2 What is a Basic Flowchart?

2.3 Understand Notations to Create a Basic Flowchart

2.4 Create a Basic Flowchart Using Industry-standard Modeling Tools

2.5 What is BPMN and How is it Different from Standard Notations?

2.6 Purpose and Benefits of BPMN

2.7 Learn BPMN Notations (Elements and Symbols)
- Flow Objects (Events, Activities, Gateways)
- Connecting Objects (Sequence Flow, Message Flow, Association)
- Swimlanes (Pool and Lane)
- Artifacts (Data Object, Group, and Annotation)
- Other BPMN Diagram Types such as (a) Choreography Diagram (b) Collaboration Diagram and (c) Conversation Diagram

Module 3 — Analyzing Business Processes within an Organization

3.1 What is Gap Analysis?

3.2 Create 'As-Is' (Current-state) Business Process Model Using BPMN 2.0 Industry-standard Modeling Tools

3.3 Learn How to Analyze the 'As-Is' (Current-state) Business Process and Identify Pain-points, Bottlenecks, Issues, and Problems in the 'As-Is' (Current-state) Business Process

3.4 Create 'To-Be' (Future-state) Business Process Models Using Industry-standard Modeling Tools

3.5 What is 'Business Process Narrative' and How to Write it?

3.6 Relationship between Business Process-Information Technology

3.7 Business Process Modeling Best Practices

3.8 How to Work Closely with Key Stakeholders for Effective BPM

Module 4 — Business Process Governance

4.1 Managing Business Processes within an Organization

4.2 Stakeholder Analysis and Managing Stakeholder Expectations

4.3 Creating Standards, Policies, Roles, and Responsibilities

Features

- Training Program as per Latest Industry Demand
- IIBA Endorsed Education Provider
- Access to Learning Management System (LMS)
- 32 PDUs/CDUs
- IIBA Certified Instructors with 20+ Years of Experience
- Plenty of Case Studies, In-class Exercises, Quizzes, and Take-home Assignments
- 10+ Industry-standard Tools
- Personalized Resume, LinkedIn Profile Makeover, and Cover Letter
- Course Aligned to IIBA's BABOK 3.0 and PMI's Body of Knowledge
- Comprehensive Capstone Project
- Experiential Learning through Case Studies

Software/Tools Used for this Training

- Microsoft Office (Word, Excel, PowerPoint)
- Microsoft Visio, Gliffy, Lucidchart
- Bizagi, Camunda, Bonita, Signavio, Draw.io
- Balsamiq, Mockflow
- Jira
- Confluence
- Tortoise SVN
- Kanban Tool, Backlog.com or Similar Kanban Tool

Duration

- 4 Weeks (Monday through Thursday from 8:00 PM EST to 10:00 PM EST).
- Total: 32 Hours

Fees

1200 USD + 5.3% Sales Tax