BA28 - Requirements Analysis and Use Cases

Category: Project Management & Business Skills | **Vendor:** Various

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This course provides a strong foundation in the mechanics of use case diagramming and writing textual descriptions of use cases. In this highly interactive workshop, you will learn how to enhance and refine your use case skills, how to involve your stakeholders in the use case process, and how to develop use cases that provide valuable information to the designers and testers. Use cases that meet the needs of designers can be too technical and too detailed for other stakeholders. Use cases that satisfy business users are usually not very helpful to designers and testers. How do you satisfy these two disparate interests And how do you handle the details like business rules, data validations and user interface specifications

About This Course

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Who Should Attend

This course has been expressly designed for the Business Analyst, Business System Analyst, System Analyst, and/or Requirements Engineer. The Designer, Developer and Tester who are actively involved in utilizing use cases may also benefit from this workshop.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Employ use cases to elicit requirements, at a business, system or subsystem levelEmploy use cases to document the scope of a projectWrite use cases in a clear and unambiguous way.Model use cases with workflow diagramsPlan and divide up the project work based on your use casesManage a use case as it evolves over time and goes through many changes

Detailed Course Outline

Introduction

- Course objectives
- Understanding of business analysis
- Knowledge areas of BABOK®© Guide

Overview of Use Cases

- Describe the purpose and value of a use case approach
- Use case terminology
- Introducing a use case approach

Needs Assessment

- Purpose of Needs Assessment
- Needs Assessment and use cases
- Defining and understanding the strategic goals and objectives
- Understanding the business process
- Identifying actors
- Identifying business information
- Analyzing locations and operations
- Drawing the business use case diagram
- Building the business architecture
- Defining solution options

Defining System Scope

- Product scope/project scope
- System actors versus business actors
- Analyzing the business process model
- Analyzing business use cases
- Identifying candidate use cases
- Identifying scenarios
- Diagramming use cases
- Draw a use case diagram
- Create a use case catalog

Evaluating, Prioritizing, and Packaging Use Cases

- Iterative nature of this work
- Evaluating use cases
- Use case priority
- Use case risk
- Use case complexity
- Use case dependencies
- Evaluate and Prioritize use cases
- Dividing work up between releases
- Packaging
- A process for how to perform packaging

Writing the Main Success Scenario

- Use case descriptions
- Primary and secondary goals
- Assumptions
- Pre-conditions
- Triggers
- Post-conditions
- Scenario example
- Main success scenario
- Conditional execution
- Use cases and requirements
- Best practices for writing a use case description

Writing the Other Scenarios

- Scenarios and flows
- Alternate scenarios and flows
- Alternate vs. basic flow
- Guidelines for alternate flows
- Exception flows
- Failed post conditions
- Write alternate and exception flows

Process Modeling to Describe Use Case Flows

- UML®© Activity Diagram Notation
- Sequencing activities
- Developing an activity diagram
- Facilitated sessions
- Draw a UML®© Activity Diagram

Using Advanced Diagramming Techniques

- Commonality
- Dependency Relationships
- Identify relationships
- Comparing the different relationships

Developing a Requirements Specification

- Requirements and use cases
- Detailed requirements
- Common approaches to specifications
- Non-functional requirements
- Write non-functional requirements
- User interface requirements
- UI data descriptions
- Business rules
- Decision tables and inference rules
- How to document simple calculations
- Reporting requirements
- Data requirements
- Data accessibility requirements
- Traceability

Course Summary

- Wrap-up
- Finding more information

Additional Course Details

Nexus Humans BA28 - Requirements Analysis and Use Cases training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the BA28 - Requirements Analysis and Use Cases course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for BA28 - Requirements Analysis and Use Cases?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 2-day BA28 - Requirements Analysis and Use Cases course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the BA28 - Requirements Analysis and Use Cases training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for BA28 - Requirements Analysis and Use Cases?

Yes, we provide corporate training, dedicated training, and closed classes for BA28 - Requirements Analysis and Use Cases. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for BA28 - Requirements Analysis and Use Cases?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your BA28 - Requirements Analysis and Use Cases training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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