Use Case Modeling Training

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

Use cases provide a structured, industry-standard way of eliciting and documenting visibly observable functional requirements from the point of view of the business. The process enhances communication between business analysts and stakeholders and helps stakeholders articulate their needs in a way other elicitation techniques cannot. It also lays the foundation for user interface design and test case development. This course provides the right blend of knowledge and skills for people to understand and model business use cases effectively. This course has been approved for 14 PDUs | 14 CDUs

About This Course

Use cases provide a structured, industry-standard way of eliciting and documenting visibly observable functional requirements from the point of view of the business. The process enhances communication between business analysts and stakeholders and helps stakeholders articulate their needs in a way other elicitation techniques cannot. It also lays the foundation for user interface design and test case development. This course provides the right blend of knowledge and skills for people to understand and model business use cases effectively. This course has been approved for 14 PDUs | 14 CDUs

Who Should Attend

This course is intended for any project professional who elicits requirements for software applications. Use case models covered in this course include use case diagrams, use case narratives, activity diagrams, and use case relationships. Use cases are modeled using UML notation v2.5

Prerequisites & Entry Requirements

General Prerequisites:

Experience with software development projects is helpful.

Learning Outcomes

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

Define the major components of use case models using Unified Modeling Language (UML) notation. Identify the different types of actors and determine candidate use cases. Develop a use case diagram and the narrative flow of events using a Use Case Template. Create an Activity Diagram to chart the scenarios of a use case. Diagram various use case relationships. Leverage use cases to quickly create test cases and develop user interface prototypes based on the use case

Detailed Course Outline

Use Case Overview

- Use Case and use case model defined
- Levels of use case modeling
- Strengths and limitations of use case modeling
- User stories vs use cases
- Using use cases in predictive and adaptive environments
- Use case modeling process

Use Case Diagram

- Use case diagram defined
- Use case diagramming steps
- Define system scope
- Identify actors and use cases
- Types of actors
- Associations between actors and use cases
- Create a use case diagram
- Review and refine use case diagrams
- Package use cases

Use Case Narrative

- Use case narrative overview & elements
- Use case brief
- Use Case introduction
- Pre & post conditions
- Use case flow of events (primary, alternative & exception)
- Narrative documentation guidelines
- 3 Methods to documenting the flow of events
- Document additional considerations in a use case
- Refine and review use case narratives

Use Case Relationships

- UML notation
- Include relationship
- Extend relationship
- Generalization relationships (use cases and actors)
- Identify potential use case relationships

Activity Diagrams

- Activity Diagram overview
- UML notation
- Forks and join rules
- Model and document looping in a use case
- Create an activity diagram

User Interface (UI) Prototyping

- Use cases & user interfaces
- Steps to create a user interface prototype
- Develop a UI prototype for a use case

Use Cases & Test Cases

- Translate use cases into test cases overview
- Develop a number of test cases based on a use case

Frequently Asked Questions

Q: What delivery options are available for Use Case Modeling Training?

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 Use Case Modeling Training 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 Use Case Modeling Training 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 Use Case Modeling Training?

Yes, we provide corporate training, dedicated training, and closed classes for Use Case Modeling Training. 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 Use Case Modeling Training?

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 Use Case Modeling Training training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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