

BAE5

Use Case Modeling

2 Days

What a Business Analyst needs to know about use cases

Use cases were originally conceived to help capture and organize requirements for software systems. Such uses include business architecture analysis, solution scope in a feasibility study, business case or project charter, request for proposal responses, decisions on build-or-buy and configuration requirements for Commercial Off-The-Shelf software.

LEARNING OBJECTIVES

Use cases are deceptively simple but can be pretty confusing. By the end of this course will have a solid foundation in use cases, and be able to apply use cases to a wide variety of situations.

At the end of this course, you will be able to:

- Draw use case diagrams
- Write use case descriptions
- Lead a use case workshop
- Develop test cases from use cases

In this course, you will learn how to use different perspectives of use cases to address the needs of business analysis: from the analysis of a business area, through defining the scope of a solution, to identifying the functional requirements, and to ensure that the solution really does meet the business need.

WHO SHOULD ATTEND

- Business analysts or system analysts who need to work with use cases
- Software professionals, quality assurance specialists or project managers who need to work with business analysts who work with use cases

KEY TOPICS COVERED

- Different perspectives of use cases for different purposes, different audiences and at different points in time in a project
- Use case diagrams, including advanced modeling with «include» and «extend» relationships
- Use case descriptions, including how to address business rules, user interface requirements and non-functional requirements
- Collaboratively elicit, document and validate use cases in a workshop setting

COURSE OUTLINE

Business Analysis and Use Cases

- Describe the ways that use cases can support different business analysis initiatives
- Apply different use case perspectives
 - Business use cases
 - Solution use cases
 - System use cases
 - Detailed system use cases

Working with Use Cases

- Draw use case diagrams
- Write use case descriptions

Other Use Case Scenarios and Flows

- Identify alternate and exception scenarios
- Write the use case flows and incorporate them into the use case descriptions

Advanced Use Case Modeling

- Explain how «include» and «extend» relationships are used in business analysis
- Correctly identify «include» relationships and write the use case description
- Correctly identify «extend» relationships and write the use case description
- Trace use cases to detailed functional requirements

Conduct a Use Case Workshop

- Collaborate with subject matter experts to elicit the steps of a scenario directly into the use case template
- Validate the use case description with the participants
- Manage the agenda and group dynamics so that everyone has their say, and everyone is heard

Identify Test Cases from Use Cases

- Analyze the use case scenarios to identify test cases

ABOUT BA ESSENTIALS

- Each course in the program takes an experiential learning approach: more hands on work and one-on-one interaction rather than lecture, to allow you to build knowledge and skills.
- Our instructors are skilled business analysts with many years of experience in the field.
- Students successfully completing the 7 courses in three years will receive an Algonquin College certificate in Business Analysis Essentials.

Courses in the Business Analysis Essentials program include:

1. Fundamentals of Business Analysis
2. Accelerated Requirements Elicitation and Analysis
3. Facilitation Techniques for Business Analysts
4. Modeling Business Processes and Workflows
5. Use Case Modeling
6. Validating and Testing Requirements
7. Business Analysis in an Agile Environment

Most of the courses can be taken in or out of sequence to complete the full program, although we strongly recommend that you take the Fundamentals of Business Analysis course first, even if you are an experienced business analyst.

You can also take individual courses to fill knowledge and skills gaps.

Algonquin College is an Endorsed Education Provider™ (EEP™) of IIBA. Courses in the BA Essential program are eligible for Professional Development hours (PD hours) for certification and Continuing Development Units (CDUs) for recertification. This course is eligible for 16 PD Hours/CDUs.

Algonquin College is a Global Registered Education Provider (R.E.P.) of the Project Management Institute. Courses in the BA Essentials program are eligible for PMI® Professional Development Units (PDUs). This course is eligible for: 16 PMP® Technical PDUs or 16 PMI-Professional in Business Analysis (PMI-PBA)® PDUs.

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HOW TO REGISTER

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