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## Write Effective Use Cases

2 Days

*This course examines use case analysis in depth, addressing why, how, when, and by whom use cases are used during the project life cycle. Practical tasks and techniques are presented to equip the BA with skills and knowledge required to develop an initial use case diagram, determine conceptual business objects, develop detailed use case descriptions with alternate and exception flows, model extend and include relationships, add supplemental information including priorities, non-behavioral requirements, and business rules, and organize the wealth of requirements-related information captured by the complete set of use cases. Key characteristics that differentiate this course from others include:*

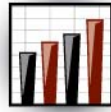
### WHO SHOULD ATTEND

Individuals who perform business analysis in organizations are known by various titles including business analyst, systems analyst, business/systems analyst, functional analyst, project manager, and tester. Individuals who will benefit from this course include:

- Entry-level business analysts and their managers
- Self-taught business analysts requiring a course that fills in the gaps and puts all the pieces together
- Systems analysts and programmers interested in expanding their roles into the business area
- Project managers

### COURSE OBJECTIVES

- Describe why, how, when, and by whom use cases are used during the project lifecycle.
- Describe how the treatment of use cases varies depending on a project's methodology (sequential or iterative) and process rigor (disciplined or agile).
- Develop an initial use case diagram and determine/refine conceptual business objects.
- Develop use case descriptions.
- Elaborate use case descriptions with alternate and exception flows.
- Model extend, include, and generalization relationships.
- Add supplemental information to the use case model, including priorities, non-behavioral requirements, and business rules.
- Organize the use case, identify use case dependencies, and develop the system use case model.
- Incorporate best practices of use case models.



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## LESSON TOPICS

- Capturing project scope and requirements with use cases
- Use cases in context: relationships to planning, estimation, design, development, quality assurance, training, user acceptance testing, and customer support
- Spectrum of process rigor
- Evolution of business to system use cases
- Kickoff meeting and preliminary scope
- Use cases and context diagrams
- Conceptual business objects
- Approaches to analysis: broad/shallow and narrow/deep
- Actors
- Triggers
- Pre-conditions
- Post-conditions
- Use case briefs
- Basic flows
- Alternate and exception flows
- Expanded use cases and activity diagrams
- Relationship to business rules and project requirements
- Include relationships
- Extend relationships
- Use case priorities
- Non-functional requirements
- Interface analysis
- Use cases and object models
- Use case dependencies
- Organizing the use case model
- Best practices of use case development