

Non-Functional Requirements



<https://www.analystscorner.org/>

Overview

This course is designed for business analysts (or anyone involved in requirements development process) who want to become significantly better at non-functional requirements .

I've been performing business analysis for many years, and project to project I see that non-functional requirements prove to be the hardest. They are the ones that the stakeholders don't get, and developers forget to think about. They are the ones that when done wrong can derail any project - no matter how big or small.

This course will help you build a structured approach to developing non-functional requirements from key categories, including:

- Availability
- Maintainability
- Reliability
- Business continuity
- Compatibility
- Capacity
- Performance
- Security
- Accessibility
- Usability

The knowledge gained in the course will help you define your own reusable approach to non-functional requirements definition, and take your stakeholders on the journey with you.

You will get access to practical advice, theoretical background, and examples from different industries.

Audience

- Business analysts

- System analysts
- Solution architects
- Project managers
- Software testers
- IT Managers
- Product owners

This course will offer

1. A structured approach to defining non-functional requirements for technology projects
2. A method to create high quality requirements
3. Access to case studies and examples from different industries
4. Valuable skills to enhance the requirements elicitation process

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Level

This course forms a part of Analyst's Corner **Business Analysis Capability Ladder** - a structured multi-step approach to building strong business analysis skills and expertise.

It consists of 4 distinct rungs tailored to people at different stages of their professional lifecycle:

- **Foundation:** Learn the ropes of business analysis | Build the baseline for professional career
- **Progression:** Deepen your analysis expertise | Scale your toolkit and analytical rigour
- **Specialisation:** Develop strategic specialisms | Cultivate niche expertise in high-value domains
- **Leadership:** Gain authority and leadership | Lead business analysis for your team or organisation

Each rung consists of multiple training courses and an assessment; finishing the whole Ladder provides the depth of practical knowledge that rivals traditional academic BA programs.

This course is one of the courses on the **Progression** rung.

Duration

The course consists of:

- 5 hours of pre-recorded video lessons & quizzes

Syllabus

Module 1: Introduction to NFRs

IIBA® Knowledge Areas alignment	Requirements analysis & design definition (KA5) Perspective: IT
PMI® Talent Triangle alignment	Ways of working: apply the right technique at the right time, adjust approach based on type of automation deployed

Title	Type	Duration
Introduction to NFRs: What are non-functional requirements and how they are different to functional requirements	video	7.5 min

Module 2: Availability

IIBA® Knowledge Areas alignment	Requirements analysis & design definition (KA5) Perspective: IT
PMI® Talent Triangle alignment	Ways of working: apply the right technique at the right time, adjust approach based on type of automation deployed

Title	Type	Duration
Availability requirements	video	12 min
Quantifying availability	video	13 min
Examples of availability requirements	video	10.5 min
Reading: availability	reading	~10 min
Quiz: availability	quiz	~10 min

Module 3: Maintainability & Reliability

IIBA® Knowledge Areas alignment	Requirements analysis & design definition (KA5) Perspective: IT
PMI® Talent Triangle alignment	Ways of working: apply the right technique at the right time, adjust approach based on type of automation deployed

Title	Type	Duration
Maintainability & Reliability requirements	video	12 min
Quantifying Maintainability & Reliability	video	13 min
Examples of Maintainability & Reliability requirements	video	10.5 min
Reading: Maintainability & Reliability	reading	~10 min
Quiz: Maintainability & Reliability	quiz	~10 min

Module 4: Business continuity

IIBA® Knowledge Areas alignment	Requirements analysis & design definition (KA5) Perspective: IT
PMI® Talent Triangle alignment	Ways of working: apply the right technique at the right time, adjust approach based on type of automation deployed

Title	Type	Duration
Business continuity requirements	video	8.5 min
Case Study: Business continuity	video	10 min
Reading: Business continuity	reading	~10 min
Quiz: Business continuity	quiz	~10 min

Module 5: Compatibility

IIBA® Knowledge Areas alignment	Requirements analysis & design definition (KA5) Perspective: IT
PMI® Talent Triangle alignment	Ways of working: apply the right technique at the right time, adjust approach based on type of automation deployed

Title	Type	Duration
Compatibility requirements	video	10 min
Quantifying Compatibility	video	5 min
Examples of Compatibility requirements	video	8 min
Reading: Compatibility	reading	~10 min
Quiz: Compatibility	quiz	~10 min

Module 6: Capacity and performance

IIBA® Knowledge Areas alignment	Requirements analysis & design definition (KA5) Perspective: IT
PMI® Talent Triangle alignment	Ways of working: apply the right technique at the right time, adjust approach based on type of automation deployed

Title	Type	Duration
Capacity and performance requirements	video	7.5 min
Quantifying Capacity and performance	video	15.5 min
Case study: Capacity and performance requirements	video	8 min
Reading: Capacity and performance	reading	~10 min
Quiz: Capacity and performance	quiz	~10 min

Module 7: Security

IIBA® Knowledge Areas alignment	Requirements analysis & design definition (KA5) Perspective: IT
PMI® Talent Triangle alignment	Ways of working: apply the right technique at the right time, adjust approach based on type of automation deployed

Title	Type	Duration
Security requirements	video	15 min
Quantifying Security	video	20 min
Case study: Security - OWASP Top 10	video	6 min
Reading: Security	reading	~10 min
Quiz: Security	quiz	~10 min

Module 8: Accessibility

IIBA® Knowledge Areas alignment	Requirements analysis & design definition (KA5) Perspective: IT
PMI® Talent Triangle alignment	Ways of working: apply the right technique at the right time, adjust approach based on type of automation deployed

Title	Type	Duration
Accessibility requirements	video	9 min
Quantifying Accessibility	video	5.5 min
Case study: Accessibility testing	video	7 min
Reading: Accessibility	reading	~10 min
Quiz: Accessibility	quiz	~10 min

Module 9: Usability

IIBA® Knowledge Areas alignment	Requirements analysis & design definition (KA5) Perspective: IT
PMI® Talent Triangle alignment	Ways of working: apply the right technique at the right time, adjust approach based on type of automation deployed

Title	Type	Duration
Usability requirements	video	14 min
Case study: Usability	video	10.5 min
Reading: Usability	reading	~10 min
Quiz: Usability	quiz	~10 min

Module 10: Audit

IIBA® Knowledge Areas alignment	Requirements analysis & design definition (KA5) Perspective: IT
PMI® Talent Triangle alignment	Ways of working: apply the right technique at the right time, adjust approach based on type of automation deployed

Title	Type	Duration
Audit requirements:	video	10.5 min
Examples of logging requirements specification	video	6 min
Reading: Audit	reading	~10 min
Quiz: Audit	quiz	~10 min

Module 11: Wrap up

IIBA® Knowledge Areas alignment	Requirements analysis & design definition (KA5) Perspective: IT
PMI® Talent Triangle alignment	Ways of working: apply the right technique at the right time, adjust approach based on type of automation deployed

Title	Type	Duration
SLAs and NFRs	video	8 min
NFR discussion guide	video	3.5 min