

Course code: **BA/PRCT**

Course title: **Business analysis in practice**

Days: 5

Description:

Course intended for

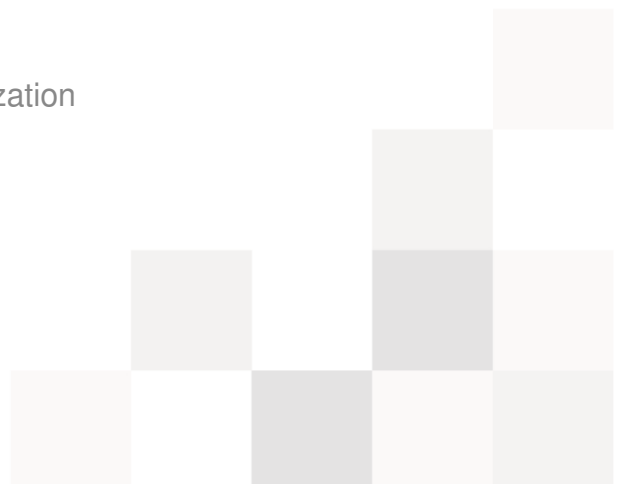
IT employees:

- System and business analysts
- People involved in designing of new products and services
- People responsible for managing and improving business processes in the organization
- Software engineers
- People planning to develop their career in the direction of system/business analysis
- People responsible for quality assurance of systems and software
- Usability engineers and designers
- IT managers and management consultants who wish to acquire basic knowledge and basic understanding of the analysis and design of applications

Administration staff and officials, public administration staff, etc. involved in:

- Development, maintenance or modification of IT systems
- Planning of new development strategies
- Improving business processes in the organization
- Introducing of innovations

Course objective



At the beginning of each IT project, there is always a business need. Improving or automation of business processes, extending the functionality of existing software, opening new access channels for customers - they are all examples of different business needs forming the foundation for any IT project. Every business need must be analyzed and transformed into a solution.

That is the area of interest for Business Analysis. The success of the project largely depends on the skills and experience of business analyst such as the ability to collect the correct requirements, analyze them in the context of the business situation of the organization and to model the appropriate solutions requires specific expertise.

The training program includes a standard area of business analysis. Each key issue is discussed theoretically, then put into practice in exercises based on case study. 70% of the training consists of the workshops and exercises, so that participants can acquire practical skills needed for the business analyst job.

Course parameters

5*8 hours (5*7 hours net) lectures and workshops.

Group size: max. 8-10 people.

Course curriculum:

Day 1

1. Introduction to business analysis
2. Business analysis in the context
3. Enterprise analysis
4. Exercise: identification of business goals
5. Exercise: identification of stakeholders
6. Exercise: identification of business processes

Day 2

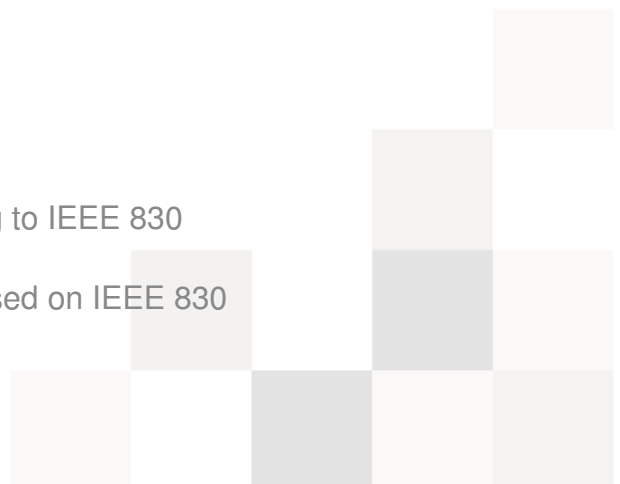
1. Business analysis communication planning
2. Exercise: creation of communication plan



3. Requirements engineering
4. Requirements engineering process
5. Requirements classification
6. Exercise: requirements classification
7. Requirements attributes
8. Exercise: requirements attributes
9. Quality of requirements
10. Exercise: evaluation of the quality of requirements
11. Requirements identification
12. Identification techniques
13. Exercise: application of requirements identification techniques

Day 3 and 4

1. Requirements identification (part 2)
2. Requirements tracing
3. Exercise: creating a RTM
4. Requirements analysis and documentation
5. Exercise: requirements documentation according to IEEE 830
6. Use cases
7. Exercise: creating use case models
8. Prototyping
9. Exercise: creating GUI prototypes
10. Requirements specification (SRS) according to IEEE 830
11. Exercise: creating a template of an SRS based on IEEE 830



12. Requirements specification (SyRS) according to IEEE 1233
13. Requirements specification – mistakes and good practices

Day 5

1. Solution assessment and validation
2. Exercise: creating a checklist for quality assessment of requirements specification
3. Exercise: specification review
4. Example of requirements management process

