

Certified Professional for Requirements Engineering

Requirements Elicitation Specialist

Task definition for the written assignment

3.1.0 | August 1, 2025

IREB

Content

Content 2

0 Introduction 4

0.1 Scope of work, structure and assessment 4

0.2 Anonymity and confidentiality of the contents 5

0.3 Evaluation criteria 5

1 Project context 6

2 Setup phase 7

2.1 Planning requirements elicitation 7

2.2 Selection of elicitation techniques 7

2.3 Identification of requirements sources 7

3 Elicitation 8

3.1 Elicitation techniques employed 8

3.2 Elicitation techniques not employed 8

4 Conflict resolution 9

4.1 Conflict identification 9

4.2 Conflict analysis 9

4.3 Conflict resolution 9

5 Reflection 10

5.1 Reflection on overall approach 10

5.2 Reflection on requirements sources identification and involvement . 10

5.3 Reflection on requirements elicitation 10

5.4 Reflection on requirements conflict resolution 10

5.5 Reflection on the use of tools and the potential use of AI (Artifical Intelligence) in the requirements elicitation 11

0 Introduction

The purpose of this written assignment is to prove that you

- know the concepts and widely used procedures relating to the elicitation of requirements,
- can directly apply procedures yourself to elicit requirements
- can select a procedure to elicit requirements for a specific project context and tailor it to that project context
- can identify requirements conflicts and select and apply a procedure to solve requirements conflicts and
- can critically question and evaluate your own approach to the elicitation and consolidation of requirements.

For this purpose, typical aspects of the elicitation and conflict resolution should be described of a real project, on which you have worked in your own work environment.

0.1 Scope of work, structure and assessment

Regarding the scope of the written assignment and the minimum percentage to pass the examination see Specialist Examination Regulations (chapter 2).

The following table provides an overview of the chapter structure of the written assignment, and shows the maximum number of points to be awarded for each chapter.

Chapter	Contents	Achievable points per chapter
1	Project context	10 points
2	Setup Phase	30 points
3	Elicitation	20 points
4	Requirements conflict resolution	15 points
5	Reflection of one's own approach from today's perspective	25 points
	maximum possible total points	**100 points**

The achievable points per chapter should serve as a guideline for the extent of each chapter.

Details of the content expected and for the assessment of the content are described for each chapter in the following sections. Please note when formulating your written assignment, that the contents must be comprehensible for an examiner who is not necessarily an expert in your application context.

0.2 Anonymity and confidentiality of the contents

The contents of the completed work are to be made anonymous to a degree that the content cannot be related to real people and / or companies. Specific company or personal names should only be used if absolutely necessary for the understanding of the contents of the written assignment. Details on originality and confidentiality of the contents are set in the examination regulations.

0.3 Evaluation criteria

The written assignment will be evaluated by the following criteria:

- Has the candidate followed **all** instructions given for the respective chapter?
- Are the answers reasonable and the arguments for the answers plausible for an outsider?
- Is the text understandable?
- Does it become clear from the text, that the candidate has understood the Requirements Elicitation syllabus and handbook content?
- Whenever the candidate is asked to "reflect" something:

  – Have they looked at the topic to be reflected from different angles?
  – Have they considered pro and con arguments?
  – Have they drawn a plausible conclusion?

1 Project context

Select a project from your own work environment in which you were actively involved in the elicitation of requirements. Describe here the distinctive aspects of this project; anonymously if necessary (see section 0.2).

State at least:

- What was the problem that led to the project and what was the goal of the considered project?
- In which industry was the project carried out?
- What was the size of the project (e.g., duration, number of project members, resources allocated, affected number of users)?
- What were the relevant organizational, technical and human aspects for the requirements elicitation of the project?
- What role(s) you occupied within this project?

2 Setup phase

2.1 Planning requirements elicitation

Remember the beginning of your project. From this perspective, describe how you wanted to plan the project. Describe your initial plan including the main sources and elicitation objectives in relation to these sources.

Consider the following questions: How did you derive and prioritize the elicitation objectives? What were the relevant drivers and constraints for your plan? Who did you agree the plan with?

2.2 Selection of elicitation techniques

Describe the techniques you wanted to use to achieve the initially defined elicitation objectives. Justify the choice of techniques in relation to the elicitation objectives and your project constraints. Explain in particular the interaction between the techniques.

2.3 Identification of requirements sources

How did you address the problem of unknown requirement sources at the beginning of the project? Describe and argue the process and techniques that were planned to identify all relevant sources of requirements throughout the project. Who were the main stakeholders you identified?

3 Elicitation

3.1 Elicitation techniques employed

Describe for the two most important elicitation techniques of your project:

- How exactly did you apply the technique? Go into the details of application.
- Which adaptations did you apply to the standard technique and what was the reason for it?

3.2 Elicitation techniques not employed

Name an alternative technique (one!) for one of the elicitation techniques described in 3.1 that would have been a suitable alternative in the given context of your project. Justify your choice.

Name a technique for one of the elicitation techniques described in 3.1 that would **not** have been a suitable alternative in the given context of your project. Justify your choice.

4 Conflict resolution

4.1 Conflict identification

Describe two concrete situations where you identified and solved a requirements conflict in your project.

What were the relevant characteristics (indicators, involved stakeholders and their positions) of each conflict?

4.2 Conflict analysis

Explain how you analyzed both conflict situations.

Describe for each requirements conflict situation what is the type of conflict or the combination of conflict types according to Moore. Justify your categorization.

4.3 Conflict resolution

Name the conflict resolution technique you chose for each of the two conflict situations and explain why you did so.

Describe for one of the two conflict situations: How did you apply the resolution technique and how did you involve the opposing stakeholders?

5 Reflection

5.1 Reflection on overall approach

Reflect on the overall approach of the elicitation project: Which aspects of your project could be used in future projects? Give a short description of the pattern.

5.2 Reflection on requirements sources identification and involvement

Which requirements sources did you fail to involve or did you not involve enough in the course of your project? Why?

What have you learnt concerning requirements sources for future projects?

5.3 Reflection on requirements elicitation

Describe one concrete difficulty or challenge you encountered during execution of an elicitation activity and how did you deal with it.

What would you do differently in that situation from today's perspective?

Looking back at your application of elicitation techniques as described in chapter 3, what skill do you need to improve the most? Why?

What is your particular next step to improve that skill?

5.4 Reflection on requirements conflict resolution

Reflect your approach in this project concerning

- Conflict analysis
- Selection of conflict resolution techniques
- Application of conflict resolution techniques
- Conflict avoidance

What did you do well and what could you have done better and why?

5.5 Reflection on the use of tools and the potential use of AI (Artifical Intelligence) in the requirements elicitation

Which tools did you use during the elicitation project or the preparation of this written assignment and did they bring the expected benefits or not?

Did you use AI tools, in particular generative AI or large language models (LLM), during the chosen project or the preparation of this written assignment?

If yes, please briefly describe which tools you have chosen, in which project phase you have used them and what benefits or advantages and disadvantages you have observed.