



Companion Requirements

J.-M. Bruel

1.1 – 2021-02-19

Table of Contents

Goals	2
G.1 Overall context and goals	2
G.2 Current situation	2
G.3 Expected benefits	2
G.4 System overview	2
G.5 Limitations and exclusions	2
G.6 Stakeholders	2
G.7 Requirements sources	3
Environment	4
E.1 Glossary	4
E.2 Components	4
E.3 Constraints	4
E.4 Assumptions	4
E.5 Effects	4
E.6 Invariants	4
Process	5
P.1 Roles	5
P.2 Personnel characteristics and constraints	5
P.3 Imposed technical choices	5
P.4 Schedule and milestones	5
P.5 Tasks and deliverables	5
P.6 Risk and mitigation analysis	5
P.7 Requirements process and report	5
System	6
S.1 Components	6
S.2 Functionality	6
S.3 Interfaces	6
S.4 Scenarios (use cases, user stories)	6
S.5 Prioritization	6
S.6 Verification and acceptance criteria	6



This document constitutes the requirements book of the [Requirements Handbook Companion](#). It follows the method presented in the [Handbook of requirements and business analysis](#). It uses the AsciiDoc template available [here](#).

CHANGELOG

Version	Date	Comment
1.0	2021-02-01	Initial draft by J.-M. Bruel
1.1	2021-02-08	Organization in separate books' files, by J.-M. Bruel
<i>1.1</i>	<i>2021-02-19</i>	<i>Current PDF version, by J.-M. Bruel</i>

Goals

G.1 Overall context and goals

G.2 Current situation

G.3 Expected benefits

1 Readers of the [Companion Book](#) should be able to find some templates for the requirements' book structure.

☑ [Corresponding Artifact](#)

G.4 System overview

2 The *system* under development in this specification is an unusual one: a book! It will serve as a companion for the [Handbook](#).

⊗ [Corresponding Artifact]

G.5 Limitations and exclusions

G.6 Stakeholders

Here is a non-exhaustive list of the stakeholders.

Table 1. Target side stakeholders

Stakeholder	Category	Comment
Springer	Legal department	In charge of the edition of the Companion Book
Readers of the Handbook	User	Readers of the main Handbook that might need additional information about the method
Readers of the Companion Book	User	Person reading the Companion Book who might not have access to the main Handbook

Table 2. Production side stakeholders

Stakeholder	Category	Comment
Author of the Handbook	Domain Expert	Bertrand Meyer, author of the Handbook , and main evaluator of the Companion Book
Author of the Companion Book	Project Manager	J.-M. Bruel , author and effort leader of the Companion Book

G.7 Requirements sources

Environment

E.1 Glossary

This section defines the domain-specific terms used in this document.

It also lists the icons used in this document.

1 Terms

Companion Book

The *system* to be developed.

Handbook

The book, entitled "Handbook of requirements and business analysis"; written by Bertrand Meyer (see PDF [here](#)); and for which the [Companion Book](#) serves as complementary material.

2 Icons

Here is the list of significations for the icons used when tracing the corresponding artifacts:

Table 3. Icons signification

Icon	Signification
☑	A precisely referenced artifact satisfying the requirement
✱	An artifact not yet fully functional
⊗	No corresponding artifact yet (requirement not satisfied)

E.2 Components

E.3 Constraints

E.4 Assumptions

E.5 Effects

E.6 Invariants

Process

P.1 Roles

The writing effort of the [Companion Book](#) is under the responsibility of [J.-M. Bruel](#).

P.2 Personnel characteristics and constraints

P.3 Imposed technical choices

The [Companion Book](#) should be written in English.

The [Companion Book](#) should be published in one of the compatible inputs of the publisher.

P.4 Schedule and milestones

P.5 Tasks and deliverables

P.6 Risk and mitigation analysis

P.7 Requirements process and report

System

S.1 Components

S.2 Functionality

S.3 Interfaces

S.4 Scenarios (use cases, user stories)

S.5 Prioritization

S.6 Verification and acceptance criteria

