



# SmartHome Requirements

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1.0 – 2021-09-27

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This repository constitutes the requirements of the initialReqs.pdf[Smart Home Challenge Problem]. 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	2021-09-23	Initial draft by <a href="#">J.-M. Bruel</a>
<i>1.0</i>	<i>2021-09-27</i>	<i>Current PDF version, by <a href="#">J.-M. Bruel</a></i>

# Goals



Front matter

## G.1 Overall context and goals

1 Ipse Lorem

## G.2 Current situation

1 Ipse Lorem

## G.3 Expected benefits

1 Bob Ipse Lorem

☑ Corresponding Artifact

## G.4 Functionality overview

2 Ipse Lorem

## G.5 High-level usage scenarios

⚠ Nothing available at this point.

## G.6 Limitations and exclusions

⚠ Nothing available at this point.

## G.7 Stakeholders and requirements sources

Here is a non-exhaustive list of the stakeholders.

Table 1. Target side stakeholders

Stakeholder	Category	Comment
Owner	User	Owner of the Smart Home (not necessarily inhabiting it).
Inhabitants	User	People leaving regularly in the Smart Home.
Medical staff	Medical department	Person in charge of the health of the inhabitants.

Table 2. Production side stakeholders

Stakeholder	Category	Comment
System Admin	Tec. department	...



*Back matter*

**TBD list**

[\[p1-persons\]](#).

# 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

#### Smart Home

The system under development...

### 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

⚠ Nothing available at this point.

## E.3 Constraints

1 Ipse Lorem

## E.4 Assumptions

⚠ Nothing available at this point.

## E.5 Effects

⚠ Nothing available at this point.

## E.6 Invariants

⚠ Nothing available at this point.

# Project



Front matter

## P.1 Roles

Q Here are the roles for the production of the [Companion Book](#):

- Leader: The person in charge of leading and organizing the writing effort.
- Writers: The persons contributing to the writing effort.
- Reviewers: The persons in charge of reviewing the [Companion Book](#).

✓ [Corresponding Artifact](#)

## P.2 Personnel characteristics and constraints

R Ipse Lorem

TBD

### Author

[J.-M. Bruel](#)

### Date

2021-02-21

### Deadline

June

### Importance

serious

### Needs

- ☐ stakeholders to ask
- ☐ documentation to consider
- ☒ management decision (by Bertrand Meyer)

⊗ [Corresponding Artifact]

## P.3 Imposed technical choices

S Ipse Lorem

⊗ [Corresponding Artifact]

## P.4 Schedule and milestones

T Ipse Lorem

## P.5 Tasks and deliverables

U Ipse Lorem

## P.6 Risk and mitigation analysis

⚠ Nothing available at this point.

## P.7 Requirements process and report

The production of the [Companion Book](#) will not follow a particular requirements process.



*Back matter*

**TBD list**

[\[p2-persons\]](#).



# System

## S.1 Components

⚠ Nothing available at this point.

## S.2 Functionality

⚠ Nothing available at this point.

## S.3 Interfaces

⚠ Nothing available at this point.

## S.4 Scenarios (use cases, user stories)

⚠ Nothing available at this point.

## S.5 Prioritization

⚠ Nothing available at this point.

## S.6 Verification and acceptance criteria

⚠ Nothing available at this point.

PEGS