Requirements Document

[Name of the Student]

[PLEASE WRITE THE NAME OF THE PRODUCT/SERVICE HERE]

PA2578 HT20

VERSION: [Release number] REVISION DATE: [Date]

Contents

[Section 1 Introduction 3](#_gjdgxs)

[1.1](#_30j0zll) Purpose and scope 3

[1.2](#_1fob9te) Definitions, acronyms, and abbreviations 3

[1.3](#_3znysh7) Overview 3

[1.4](#_2et92p0) Goals of the product (goal level requirements) 3

[1.5 Context diagram for the system (please insert the context diagram here, see Figure 3.2 in [Lau]) 3](#_tyjcwt)

[Section 2 Stakeholder Identification and analysis (see lecture 2 about Elicitation) 3](#_3dy6vkm)

[Section 3 Requirements Elicitation Techniques 3](#_1t3h5sf)

[3.1](#_4d34og8) Elicitation Technique 1 (minimum) 4

[3.2](#_2s8eyo1) Elicitation Technique 2 (minimum) 4

[3.3](#_17dp8vu) Elicitation Technique 3 (minimum) 4

[3.4](#_3whwml4) Elicitation Technique 4 (optional) 4

[3.5](#_2bn6wsx) Elicitation Technique 5 (optional) 4

[Section 2 System Requirements 4](#_3rdcrjn)

[2.1](#_26in1rg) Domain Level Requirements (see lecture L3 for more details) 4

[2.2](#_lnxbz9) Functional Product Level Requirements (see lectures 3 and 4 for more details) 4

[2.3](#_35nkun2) Data Requirements (see lecture 3 for more details) 4

[2.4](#_1ksv4uv) Product Quality Requirements (see lecture 7 for details and [QR][QUPER][QREME]) 5

[Here you specify your quality requirements (also called non-functional requirements). You are expected to write requirements about a minimum of 5 quality aspects (e.g. performance, usability etc..) 5](#_44sinio)

[Section 3 Requirements prioritization 5](#_2jxsxqh)

[Section 4](#_qsh70q) Release plan 6

[Section 5](#_1y810tw) Policy and Regulation Requirements 6

[Section 6 References 6](#_4i7ojhp)

[Section 7 Document Revision History 6](#_2xcytpi)

[Section 8 Appendices 6](#_1ci93xb)

# Section 1 Introduction

* 1. Purpose and scope

In this section, describe what the software will do, what are the relevant benefits of the product, objectives and goals. If the description of the software is not clear enough for the stakeholders, also state what the software will not do.

* 1. Definitions, acronyms, and abbreviations

Provide the definitions of all terms, acronyms and abbreviations that you have used in the document. As a suggestion, you could use a table. Do not forget to specify here how you refer to each requirement (identity).

If you have any domain specific terms or domain descriptions please add them here.

* 1. Overview

Describe how the rest of the document is structured and what each part contains.

## Goals of the product (goal level requirements)

Describe the main goals of the system here, give each goal should have an unique ID

Goal\_1:

Goal\_2:

Goal\_3:

e.g…..

## 1.5 Context diagram for the system (please insert the context diagram here)

Please put your context diagram here.

# Section 2 Stakeholder Identification and analysis (see lecture 2 about Elicitation)

This section lists the stakeholders for the system you are developing. List the stakeholders here, describe them briefly and categorize them according to the groups of interest or importance.

# Section 3 Requirements Elicitation Techniques

This section lists the requirements elicitation techniques that you used. For each technique please write briefly why you select a particular technique. List also what requirements you got from the used techniques (you can use IDs for the requirements, e.g. Goal\_1, or Product1) . Three elicitation is minimum. We also encourage you to do mockup design or screen designs here.

## 3.1 Elicitation Technique 1 (at least one should involve human e.g. interviews)

## 3.2 Elicitation Technique 2 (two other techniques can be based on documents)

## 3.3 Elicitation Technique 3 (two other techniques can be based on documents)

# Section 4 System Requirements

This section states the requirements at different levels: domain, and product. Make sure to clarify the type of the requirement (e.g., data, functional, quality) in each level. Describe here the specification techniques you have used. The minimum is 5 specification techniques (including system mockups or prototypes)

## 4.1 Domain Level Requirements (see lecture Requirements Specificaiton for more details)

Here you list domain level requirements. Remember to give them unique IDs

DL1:

DL2:

DL3:

## 4.2 Functional Product Level Requirements (see lectures Requirements Specification)

Here you list product level requirements. Remember to give them unique IDs

PR1:

PR2:

PR3:

## 4.3 Data Requirements (see lecture 3 for more details)

Here you describe the data requirements. We expect You to do at least one data model, one virtual window or other visual representation of data.

You should also specify if you are doing to have rational data model or no-sql data model.

DR1:

DR2:

DR3:

## 4.4 Product Quality Requirements (see lecture about quality requirements)

## Here you specify your quality requirements (also called non-functional requirements). You are expected to write requirements about a minimum of 5 quality aspects (e.g. performance, usability etc..)

QR1:

QR2:

QR3:

QR4:

QR5:

# Section 5 Requirements prioritization

This Section should contain the requirements prioritized and the description of which technique was used. We expect you to use a minimum of 2 prioritization techniques. Please put the prioritization results here and discuss the differences between the results from the techniques. See lecture about requirements priortization.

# 

# Section 6 Policy and Regulation Requirements

Specify relevant applicable laws, regulations, policies, and standards that will affect the operation and performance of the system, as well as any relevant external regulatory requirements, or constraints imposed by normal business practices.

# Section 7 References

Provide a list of all documents and other sources of information referenced in this document and utilized in its development. Include for each the document number, title, date, and responsible office/author.

# Section 8 Document Revision History

Identify revisions to the document starting with initial creation. This section should be updated when an approval is required (i.e. initial creation, change request, new mandated change, etc)

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Name | Description |
|  |  |  |  |
|  |  |  |  |

# Section 9 Appendices

Include any relevant appendices.