

Repository requirements document
”foreign-language”

Felipe Alves Matos Caggi

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Chapter 1

INTRODUCTION

This document specifies the "foreign language" system, providing developers with the necessary information for the design and implementation, as well as for testing and system approval.

1.1 Full view of this document

This introduction provides the information needed to make good use of this document, explaining its objectives and the conventions that have been adopted in the text, as well as contains a list of references to other related documents. The other sections present the specification of the "foreign language" system and are organized as described below.

- Section 2 - System Overview: provides an overview of the system, characterizing its scope and describing its users.
- Section 3 - Functional requirements (use cases): it specifies all the functional requirements of the system, describing the flows of events, priorities, actors, inputs and outputs of each use case to be implemented.
- Section 4 - Non-functional requirements: specifies all non-functional system requirements, broken down into usability, reliability, performance, security, distribution, adequacy, and hardware and software requirements.
- Section 5 - User Interface Description: displays drawings, figures, or sketches of system screens.

1.2 Conventions, terms and abbreviations

The interpretation correct this document exige the knowledge of some conventionals and specific terms, that are describes next.

1.2.1 Identification of requirements

By convention, the reference to the requirements is made through the name of the subsection where they are described, followed by the identifier of the requirement, according to the scheme below:

[requirement subsection.identifier name]

For example, the requirement [Data Retrieval.RF016] is described in a subsection called "Data Retrieval", in a block identified by the number [RF016]. The nonfunctional requirement [Reliability.NF008] is described in the section on non-functional reliability requirements, in a block identified by [NF008].

1.2.2 Priority of requirements

In order to establish the priority of the requirements, the denominations "essential", "important" and "desirable" have been adopted.

- Essential is the requirement without which the system does not go into operation. Essential requirements are requirements that must be implemented certainly.
- Important is the requirement without which the system goes into operation, but in an unsatisfactory way. Important requirements must be implemented, but if they are not, the system can be deployed and used anyway.
- Desirable is the requirement that does not compromise the basic functionalities of the system, that is, the system can function satisfactorily without it. Desirable requirements are requirements that can be left for later versions of the system if there is not enough time to implement them in the version being specified.

1.3 References

Documents related to the "foreign-language" system and / or mentioned in the following sections:

Chapter 2

SYSTEM OVERVIEW

2.1 Abagency and relational systems

2.2 User description

Chapter 3

FUNCTIONAL REQUIREMENTS

Chapter 4

NON-FUNCTIONAL REQUIREMENTS

Chapter 5

USER INTERFACE DESCRIPTION