**D1.5.2 User Requirements Document (URD)**

ModelWriter

Text & Model-Synchronized Document Engineering Platform

Work Package: WP1

Task: T1.5 – Consolidated User Requirements and Review

Edited by:

Ferhat Erata <ferhat@unitbilisim.com> (UNIT)

Date: 22-Apr-15

Version: 0.1.0

Apart from the deliverables which are defined as public information in the Project Cooperation Agreement (PCA), unless otherwise specified by the consortium, this document will be treated as strictly confidential.

Document History

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Author(s) | Date | Remarks |
| 0.1.0 | Ferhat Erata  Moharram Challenger | 30-Apr-2015 | Draft |
| 1.0.0 | <name> | <date> | Initial Release |
|  |  |  |  |

Table of Contents

Document History 2

1. Introduction 4

1.1. Role of the deliverable 4

1.2. The List of Use Cases 4

1.3. Structure of the document 5

1.4. Terms, abbreviations and definitions 5

2. User Requirements 6

2.1. REQ-URD-42 6

References 7

Appendixes 8

Appendix 1 - D1.4.2 Corpus for Turkish Use Cases (Public) 8

Appendix 2 - D1.4.3 Corpus for Turkish Use Cases (Private) 8

1. Introduction
   1. Role of the deliverable

This document provides the list of higher level requirements for the ModelWriter project. The main objective of this deliverable is to formalize and prioritize User Requirements (incl. commercial requirements) on ModelWriter platform. This document is the first version of the user requirements collected from industrial partners. It may be up-dated depending on the further details and requirements we get from our industrial use case providers.

The **User Requirements Document** (URD) (D1.5.2) is automatically compiled from the issue list of the public “Requirements” repository of ModelWriter’s GitHub organization[[1]](#footnote-1). The information about confirmed requirements and the prioritization of the requirements are programmatically gathered from the public ‘waffle’ scrum board of the “Requirements” repository[[2]](#footnote-2).

* 1. The List of Use Cases

|  |  |
| --- | --- |
| UC Code | Requirements derived from |
| UC-FR-01 | Synchronization between Models and Documentation |
| UC-FR-02 | Synchronization of regulation documentation with a design rule repository |
| UC-FR-03 | Enterprise Architecture |
| UC-FR-04 | Production of a context specific design document |
| UC-TR-01 | **Error! Reference source not found.** |
| UC-TR-02 | **Error! Reference source not found.** |
| UC-TR-03 | ReqIF/Clafer’s (Feature Modeling) documentation |
| UC-TR-04 | Requirement Engineering for System Modelling (UC-TR-04) |
| UC-TR-05 | Synchronous Business Process Design with Use Cases (UC-TR-05) |
| UC-BE-01 | Requirements IT |
| UC-BE-02 | Automated Test Generation |

* 1. Conventions

The requirements are prefixed by “REQ-UR-xxx”, and are written in a roman typeface, where “REQ” stands for “Requirement”, “UR” indicates “User Requirements” and “xxx” is the positive integer identifier of the requirement. You can add this id (xxx) which is unique entire ‘requirements’ repository, at the end of <https://github.com/ModelWriter/Requirements/issues/> to access the latest version of the requirement.

* 1. Structure of the document

This document is organized as follows:

Chapter 1 introduces the document.

Chapter 2 describes each requirements.

* 1. Terms, abbreviations and definitions

|  |  |
| --- | --- |
| Abbreviation | Definition |
| RDF | Resource Description Framework |
| WP | Work Package |
| UC | Use Case |
| BPMN | Business Process Monde & Notation |
| ReqIF |  |
| RMF |  |
| SBVR |  |
| IPA |  |

1. User Requirements
   1. REQ-UR-53 [Mandatory]

ModelWriter as a Next Generation Requirements Engineering Tool: ModelWriter should be equipped with Requirements Engineering features.

**Use Cases:** UC-BE-01 Requirements IT, UC-TR-03 Generation and management of feature models, UC-TR-04 Requirements Engineering with SysML Designer

**Description:**

Model means concepts, individuals and relations in knowledge base.

**URI:** https://github.com/ModelWriter/Requirements/issues/53

**Created:** 17.05.2015

**Created By:** ferhaterata

**Assignee:** ferhaterata

References

1. ?

Appendixes

Appendix 1 - D1.4.2 Corpus for Turkish Use Cases (Public)

Appendix 2 - D1.4.3 Corpus for Turkish Use Cases (Private)

1. [https://github.com/ModelWriter/Requirements/issues](https://github.com/ModelWriter/Requirements/issues?q=label:%22User+Requirements+Document+(URD)%22) [↑](#footnote-ref-1)
2. [https://waffle.io/modelwriter/requirements](https://waffle.io/modelwriter/requirements?label=User%20Requirements%20Document%20(URD)) [↑](#footnote-ref-2)