Planning

Useful feedback in the Ampersand parser

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Contents

1. Introduction (D)

1.1. Identification

This document contains the planning for the execution of the graduation project "Useful feedback in the Ampersand parser". This planning gives the high-level requirements, the risks and a timefor the project. As such, the planning provides the steps for reaching the project objectives, and provides criteria that are used to validate and accept the results of the graduation.

This document is part of the graduation project of the computer science bachelor at the Open Universiteit Nederland. The project "Useful feedback in the Ampersand parser" is assigned to the students Daniel Schiavini and Maarten Baertsoen, with support of the supervisor Dr. Bastiaan Heeren and examinator Marko van Eekelen. The assignment is given by professor Stef Joosten, who researches how to further automate the design of business processes and information systems by de development of the Ampersand project.

1.2. Goal of this document

The main goal of this document is to capture the taken decisions and agreements around the execution of the project. In order to make the targets clear, the project context is also depicted in the document.

The document describes the current situation and the issues it presents, making clear why the project has been started. The purpose is thus to describe the management approach and the describe the aimed solution in high-level, as well as chances, risks and problems that might occur.

1.3. Document overview

An introduction is given is this chapter. Afterwards, a general description of the project is given in section 2. Then, in section 3, strategies are proposed for the acquisition of knowledge. In section 4 the project approach is explained and the management strategy is given in section 5.

Assumptions and limitations are given in section 6. Afterwards, possible interferences with other projects are given in section 7. Strategies for risk management are then proposed in section 8.

Details of the development techniques are given in the project realization strategies of section 9. Testing and validation plans are in section 10, while issue management is explained in section 11. The strategy for integration of the released software is given in section 12, while the documentation strategy is given section 13 and the used tools and methodologies are given in section 14.

Finally, a vocabulary/lexicon is given in Appendix A.

7. Interferences with other projects (-)

(code conflicts, etc...)

8. Risk management (M)

8.1. Risk identification and qualification

8.1.1. Functional risks

8.1.2. Technical risks

8.2. Risk mitigation plan

9. Project realization (-)

9.1. Coding conventions

9.2. Scrum approach

9.3. Validation

10. Testing & Validation (-)

10.1. Test approach

10.2. Test methodology

10.3. Test plan & Milestones

10.4. Test documentation

11. Issue management (-)

12. Integration & release (-)

(acceptation, communication, etc...)

13. Documentation (-)

13.1. Documentation plan

13.2. Deliverables

14. Tools, methodologies and accelerators (D)

14.1. Collaboration

14.2. Documentation

14.3. Design

14.4. Development

14.5. Testing

A. Lexicon (-)

Terms, definitions, abbreviations...