

Liberty Dash

Documentation Change Logs

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Requirements Specification Change Log

Section 1: Introduction

- Section 1.1: Purpose
 - Reworded to clarify the point of the system, and to further illustrate our software purpose

Section 2: Overall System Description

- Section 2.1: Functionality
 - Elaborated our explanation of what our “data” is, and how it relates to our system
 - Reworded our Peer Review explanation to remove inaccuracies

Section 3: Functional Requirements

- Section 3.1: Web Application Functionalities
 - Figure 3.1: Navigation Flow Diagram
 - Added a navigation flow diagram to visualize the paths a user can follow through our web application
 - Section 3.1.2: Invoke Macro
 - Rebuilt use case to clarify where in the Invoke Macro procedure the changes to the system are added to the Changelog

Section 4: Non-Functional Requirements

- Changed header to say “MySQL” instead of “Oracle” to reflect design changes
- Section 4.3: Database
 - Changed to reflect design changes from Oracle to MySQL

Glossary

- Expanded the glossary term “Peer Review”, to elaborate how our system’s version works and how “Bypass Peer Review” functionality works.
- Replaced “Oracle Database” glossary term with “MySQL Database”

Notes

- Our team didn’t add paragraphs explaining the environments. Our reasoning behind this decision came from a customer Q/A, where they stated: “...don’t think the teams need to be concerned too much with the differences in roles. If the dashboard can make the changes we want – we

can set up our own security later on.”. We feel that because of the lack of explanation, adding a paragraph specifically to address the differences between the environments would be beyond the scope of our current project. Further, we do mention how environments are changed in use case 3.1.17.

High Level Design and Architecture Change Log

Section 2: Architecture

- Section 2.1: Client-Server Rationale
 - Edited Figure 2.1 to reflect changes from Oracle to MySQL
 - Section 2.1.4.1: Internal Liberty Dash Database
 - Reworded to be more precise about what data the Internal Liberty Dash Database stores
 - Section 2.1.4.2: External Liberty Mutual Database
 - Reworded to clarify the interaction between our application and the External Liberty Mutual Database
- Section 2.2: Model View Controller Architecture
 - Improved Figure 2.2
 - Specified “Database” to “Internal Liberty Dash Database”
 - Removed “etc.” to eliminate vagueness
 - Changed “Edit Macro” to “Invoke Macro”
- Section 2.3: Libraries and Software Packages
 - Section 2.3.4: MySQL
 - Reflected our design implementation change to use MySQL instead of Oracle

Section 3: High Level Design

- Modified Figure 3.0: Architecture Layers
 - Included other external entities:
 - AD server
 - External Liberty Mutual Database
- Section 3.1: Client
 - Added Figure 3.1 to illustrate more specifically which layers are used to communicate with the external entities.
- Section 3.2: Database
 - Reworded to reflect the change from Oracle to MySQL

Section 4: Data Model

- Updated data model and data dictionary to reflect new design
 - Removed “Process” and “Changelog Entry” entities
 - Added fields to “MacroInstance” entity to accommodate for removal of “Process” and “Changelog Entry” entities:
 - Comment
 - Tag<String>
 - TimeAdded
 - TimeExecuted
 - TimeCompleted
 - DateAdded
 - DateExecuted
 - DateCompleted
 - Response
 - Dependency<String>

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