Individual Analysis Report

Deliverable 02

Group: C1.01.02

Repository: https://github.com/JMGarCas/Acme-L3

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Table of Content

Revision Table

Id	Date	Description
1	16/03/2023	Initial drafting of the individual analysis report.

Introduction

The purpose of this report is to identify and address any inaccuracies, omissions, vagueness, or conflicts that may be present in the requirements for the individual deliverable.

By conducting a thorough examination and analysis of the requirements, this report aims to highlight areas where inconsistencies may exist.

Contents

4) There is a new project-specific role called assistant, which has the following profile data: supervisor (not blank, shorter than 76 characters), list of expertise fields (not blank, shorter than 101 characters), résumé (not blank, shorter than 101 characters), and an optional link with further information.

This requirement was easy to implement as there were already examples of roles in the base application. There weren't any inaccuracies in the attributes.

5) [MANDATORY] A tutorial provides additional support to a course by means of one or more sessions. The system must store the following data about them: a code (pattern "[A-Z]{1,3}[0-9][0-9]{3}", not blank, unique), a title (not blank, shorter than 76 characters), an abstract (not blank, shorter than 101 characters), some goals (not blank, shorter than 101 characters), and an estimated total time.

There are several inaccuracies in this requirement. Let's start with the code attribute:

In the requirement it is said that the pattern that the code attribute should follow is [A-Z]{1,3}[0-9][0-9]{3}. However, this is a mistake, it should be [A-Z]{1,3}[0-9]{3} as stated by our customer.

https://ev.us.es/webapps/discussionboard/do/message?action=list_messages&course_id=_63009_1&nav=discussion_board&conf_id=_303964_1&forum_id=_206215_1&message_id=_357834_1

Another issue is found with the attribute abstract. Abstract is a reserved word in Java so there was a problem when declaring the attribute with that name. I decided to call the attribute abstract$ as stated in the following discussion board entry.

https://ev.us.es/webapps/discussionboard/do/message?action=list_messages&course_id=_63009_1&nav=discussion_board&conf_id=_303964_1&forum_id=_206215_1&message_id=_361051_1

The estimated total attribute is a derived attribute so I didn't implement it for this deliverable.

No more problems were found.

6) **[MANDATORY]** The system must store the following data about the sessions: a title (not blank, shorter than 76 characters), an abstract (not blank, shorter than 101 characters), an indication on whether it can be considered a theory session or a hands-on session, a time period (at least one day ahead, from one up to five hour long), and an optional link with further information.

There is an inconsistency in this requirement, the abstract attribute which problem was detailed in the previous requirement. The solution applied was the same as the one explained before.

https://ev.us.es/webapps/discussionboard/do/message?action=list_messages&course_id=_63009_1&nav=discussion_board&conf_id=_303964_1&forum_id=_206215_1&message_id=_361051_1

7) The system must handle assistant dashboards with the following data: total number of tutorials regarding theory or hands-on courses; average, deviation, minimum, and maximum time of his or her sessions; average, deviation, minimum, and maximum time of his or her tutorials.

Since this requirement is similar in every individual project, we as a team decided to implement the class Statistic which eased the implementation of the requirement.

There were any problems with the remaining requirements.

Conclusions

This is the first time we have worked with requirements that were incomplete. The use of the discussion board was indispensable for the correct implementation of all the requirements. After this first exposure to this new way of working with requirements, I think I am ready to perform nicely in the following sprints.

Bibliography

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