

Analysis Report

Deliverable 02

Group: C1.01.02

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

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Revision Table

Id	Date	Description
1	14/02/2023	Initial drafting of the analysis report.
2	15/02/2023	Final touches to the report
3	23/02/2023	Pattern regexp inconsistency
4	10/03/2023	Dashboard understanding

Introduction

This report serves the purpose of identifying and clarifying any incorrectness, incompleteness, imprecision or inconsistency that I find in the requirements for the individual deliverable. Through careful examination and analysis, this report aims to shed light on any inconsistencies that may exist, and provide a clear explanation of how they can be addressed.

Contents

The tasks for this deliverable I decided to do where all of the proposed ones, which were the following:

Information requirements

- 4) There is a new project-specific role called company, which has the following profile data: name (not blank, shorter than 76 characters), VAT number (not blank, shorter than 26 characters), summary (not blank, shorter than 101 characters), and an optional link with further information.

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- 5) **[MANDATORY]** A practicum helps put hands-on courses into practice in the context of a real company. 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 (in hours, computed from the corresponding sessions plus/minus 10%).

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- 6) **[MANDATORY]** The system must store the following data about the sessions in a practicum: a title (not blank, shorter than 76 characters), an abstract (not blank, shorter than 101 characters), a time period (at least one week ahead, at least one week long), and an optional link with further information.

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- 7) The system must handle company dashboards with the following data: total number of practica regarding theory or hands-on courses grouped by month during the last year; average, deviation, minimum, and maximum period length of the sessions in their practica; average, deviation, minimum, and maximum period length of their practica.

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Testing requirements

- 8) **[MANDATORY]** Produce assorted sample data to test your application informally. The data must include two company accounts with credentials “company1/company1” and “company2/company2”.



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Managerial requirements

- 9) Produce an analysis report.



- 10) Produce a planning report.



- 4) I found no inconsistencies in this statement since it is quite clear and straight-forward.
- 5) I found that the statement “a code (pattern “[A-Z]{1,3}[0-9]{0-9}[0-9]{3}”, not blank, unique)” for specifying the attribute code of each practicum was incorrect or incomplete. So, I decided to post my analysis in the forum of the subject Design and Testing II (https://ev.us.es/webapps/discussionboard/do/message?action=list_message&course_id=63009_1&nav=discussion_board&conf_id=303964_1&forum_id=206215_1&message_id=357834_1). Then, teacher Rafael Corchuelo was able to answer me and correct this statement, saying that the client had specified the following regexp pattern: “[A-Z]{1,3}[0-9]{3}”. Therefore, this matter was swiftly and easily resolved.
- 6) I found no inconsistencies in this statement since it is quite clear and straight-forward.
- 7) I found that the statement for this information requirement was not so clear for me, since I did not understand how to group the data that they were asking me for. For this, I accessed the following post in the forum of the subject (https://ev.us.es/webapps/discussionboard/do/message?action=list_message&course_id=63009_1&nav=discussion_board&conf_id=303964_1&forum_id=206215_1&message_id=360009_1). By reading this I was able to

clarify myself on how to approach the data modelling of the dashboards itself.

- 8) I found no inconsistencies in this statement since it is quite clear and straight-forward.
- 9) I found no inconsistencies in this statement since it is quite clear and straight-forward.
- 10) I found no inconsistencies in this statement since it is quite clear and straight-forward.

Conclusions

Upon finishing everything, I discovered certain inaccuracies and inconsistencies which I was able to address by utilizing the subject's forum. I strongly believe that this forum proves to be extremely helpful in resolving such issues.

Bibliography

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