

# Student #3, Sprint 1: Analisis report

**Group:** C1.04.14

**Repository:** <https://github.com/marizqlav/Acme-L3-D01>

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## **Summary**

Acme Life-Long Learning, Inc. (Acme L3, Inc. for short) is a company that specializes in helping learners get started on a variety of matters with the help of renowned lecturers. The goal of this project is to develop a WIS to help this organization manage their business.

## **Revision table**

Number	Date	Description
1	16/02/2023	Full redaction of the document

## **Introduction**

This document lists analysis records, each one including the following data: a verbatim copy of the requirement to which the record refers; detailed conclusions from the analysis and decisions made to mend the requirement; a link to the validation performed by a lecturer. .

This document has the following structure:

- Analysis report

# **Contents**

## **Analysis records**

- 1) **Requirement 04:** 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.
  - **Decisions:** The list of expertise fields should be a long string (101 chars) or a list of strings that in total should add to the specified limit.
  - **Conclusion:** the former option was chosen, due to the simpler and more manageable nature of a string attribute over a list. This solution was strongly suggested by the teacher on class.
- 2) **Requirement 05:** 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.
  - **Decisions:** Code attribute could use a function on the service (ex: AGB284) and store the last one generated. When creating a new one, use said last code and add a digit, also modify the letters on a predefined order. This method guaranties that no repetitions of the code will be generated. You could also choose to generate it at random, but checking repetitions will require examining all existing codes
  - **Conclusion:** the former option was chosen, since this solution was strongly suggested by the teacher in class.

- 3) **Requirement 06:** 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.
- **Decisions:** to indicate on whether it can be considered a theory session or a hands-on session, the Enumerate LectureType will be used, since it provides the required information.
  - **Conclusion:** intentionally blank
- 4) **Requirement 06:** The system must handle lecturer dashboards with the following data: total number of theory and hands-on lectures; average, deviation, minimum, and maximum learning time of the lectures; average, deviation, minimum, and maximum learning time of the courses.
- **Decisions:** intentionally blank
  - **Conclusion:** intentionally blank

## **Conclusion**

In conclusion, this sprint introduced us to the first desing choices. Gladly we were able to perform correctly, and aided when needed by the teacher.

## **Bibliography**

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