Analysis Report

Deliverable 02

Group: C1.01.02

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

Student #1

ID:	77979757M
UVUS:	enrcabmun
Name:	Caballero Muñoz, Enrique
Roles:	developer, tester, analyst

Student #2

ID Number:	29574288Z
UVUS:	felgudgue
Name:	Gudiel Güemes, Félix Ángel
Roles:	developer, tester, analyst

Student #3

ID Number:	45559252R
UVUS:	josgarcas4
Name:	García Casillas, José Miguel
Roles:	developer, tester, analyst

Student #4

ID Number:	45996616C
UVUS:	marchabar1
Name:	Chasco Barry, Marco
Roles:	manager, developer, tester, analyst

Table of Content

Revision Table

Id	Date	Description
1	17/03/2023	Drafting of the analysis report.

Introduction

The following analysis report provides a comprehensive overview of the various approaches that were considered in meeting the requirements for our project. Through a thorough exploration of our options and careful consideration of each possibility, we arrived at a decision that was in line with our project goals.

While this report may not be as extensive as others, this is due to the fact that the requirements had relatively straightforward solutions. However, we recognized the importance of documenting our analysis process that we employed in arriving at our final decision. This documentation ensures that our team can maintain a consistent and focused approach, and helps to avoid confusion or uncertainty regarding project goals.

Contents

Information requirements

1)   The system configuration must include the following initial data:

§ A system currency, which must be initialised to "EUR".

§ A list of accepted currencies, which must be initialised to "EUR", "USD", and "GBP".

This requirement is a bit confusing at first, but it's accurate on what the objective is. We were able to meet the goal of what this system configuration required.

2)   A peep is a message posted by anyone. The system must store the following data about them: an instantiation moment (in the past), a title (not blank, shorter than 76 characters), a nick (not blank, shorter than 76 characters), a message (not blank, shorter than 101 characters), an optional email address, and an optional link.

This requirement is accurate and clear. There are no doubts about what is expected from us to meet this goal.

3)   A bulletin is a message posted by an administrator. The system must store the following data about them: an instantiation moment (in the past), a title (not blank, shorter than 76 characters), a message (not blank, shorter than 101 characters), a flag to indicate whether it is critical or not, and an optional link with further information.

This requirement is accurate and clear. There are no doubts about what is expected from us to meet this goal.

4)   An offer is a record in which an administrator advertises something. The system must store the following data about them: an instantiation moment (in the past), a heading (not blank, shorter than 76 characters), a summary (not blank, shorter than 101 characters), an availability period (at least one day after the offer is instantiated and must last for at least one week), a price (positive, possibly nought), and an optional link with further information.

This requirement is accurate and clear. There are no doubts about what is expected from us to meet this goal.

5)   A note is a message posted by an authenticated principal. The system must store the following data about them: an instantiation moment, a title (not blank, shorter than 76 characters), an author (not blank, shorter than 76 characters), a message (not blank, shorter than 101 characters), an optional email address, and an optional link. The author must be computed as follows: "⟨username⟩ - ⟨surname, name⟩", where "⟨user-name⟩" denotes the username of the principal who has posted the note and "⟨surname, name⟩" denotes his or her full name.

This requirement is accurate and clear. There are no doubts about what is expected from us to meet this goal.

6) A banner allows administrators to advertise products, services, or organisations. The system must store the following data about them: an instantiation/update moment (in the past), a display period (must start at any moment after the instantiation/update moment and must last for at least one week), a link to a picture that must be stored somewhere else, a slogan (not blank, shorter than 76 characters), and a link to a target web document.

This requirement is accurate and clear. There are no doubts about what is expected from us to meet this goal.

7) The system must handle administrator dashboards with the following indicators: total number of principals with each role; ratio of peeps with both an email address and a link; ratios of critical and non-critical bulletins; average, minimum, maximum, and standard deviation of the budget in the offers grouped by currency; average, minimum, maximum, and standard deviation of the number of notes posted over the last 10 weeks.

This requirement is accurate and clear. There are no doubts about what is expected from us to meet this goal.

Testing requirements

8) Produce initial data to cold start your project; it must include an administrator account with credentials "administrator/administrator". Produce assorted sample data to test your requirements; it must include two administrator accounts with credentials "administrator1/administrator1" and "administrator2/administrator2".

This requirement is accurate and clear. There are no doubts about what is expected from us to meet this goal. The initial data and sample data were both produced successfully.

Conclusions

In conclusion, our experience has demonstrated that despite some initial setbacks, the requirements are brief, accurate, concise and clear. There were not many problems achieving what our client required from us.

Bibliography

Intentionally blank.