Sprint 4: Planning report

Group: C1.04.14

Repository: https://github.com/marizqlav/Acme-L3-D04

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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	20/05/2023	Creation and Finishing of Planning report

Introduction

This document covers the information relative to the team who develop Software in DP2's C1.04.14 laboratory group during the 2022-2023 course, including: the tasks during each spring of development in Acme L3, including information about each, as well as the estimated budget for the specified activities and the total.

This document has the following structure:

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Contents

Tasks 1

- **Task 1:**
    - Succinct description: The system must be internationalized in English and Spanish. Other mainstream languages are welcome, but not required. This requirement must be fulfilled in this and every subsequent group or individual deliverable.
    - Assignees and roles: Every member.
    - Planned time: All the project.
    - Actual time: All the project.

- **Task 2:**
    - Succinct description: Instantiate and customize the appropriate starter project so that you can work on this project. Make sure that the name of your project folder, maven configuration (pom.xml), and database is "Acme-L3-D⟨dd⟩", where "⟨dd⟩" denotes the deliverable number using two digits. Make sure that you have followed the instructions in the "On Your Deliverables" document to package and deliver your work. This requirement must be fulfilled in this and every subsequent group or individual deliverable.
    - Assignees and roles: Every member.
    - Planned time: 30 minutes.
    - Actual time: 32 minutes.

- **Task 3:**
    - Succinct description: Produce an analysis report regarding this deliverable.
    - Assignees and roles: Alberto Domínguez-Adame Ruiz, Manager, Developer.
    - Planned time: 5 minutes.
    - Actual time: 2 minutes.

- **Task 4:**
    - Succinct description: Produce a planning report.
    - Assignees and roles: Alberto Domínguez-Adame Ruiz, Manager, Developer
    - Planned time: 30 minutes.
    - Actual time: 35 minutes.

- **Task 5:**
    - Succinct description: Produce a charting report.
    - Assignees and roles: Everyone.
    - Planned time: 30 minutes.
    - Actual time: 35 minutes.

- **Task 6:**
    - Succinct description: Produce a report on how you have set up your development configuration. We are not asking you to reproduce the guidelines to set it up, but to make it clear that you have followed them, and you have your development configuration ready to work.
    - Assignees and roles: Alejandro Merino Palma, Analyst.
    - Planned time: 25 minutes.
    - Actual time: 20 minutes.

- **Task 7:**
    - Succinct description: Produce a report on what you knew about the architecture of a WIS before this subject.
    - Assignees and roles: Alberto Domínguez-Adame Ruiz, Manager, Developer
    - Planned time: 5 minutes.
    - Actual time: 5 minutes.

- **Task 8:**
    - Succinct description: Produce a report on what you knew about testing a WIS before this subject.
    - Assignees and roles: Alberto Domínguez-Adame Ruiz, Manager, Developer
    - Planned time: 5 minutes.
    - Actual time: 5 minutes.

Budget 1

The following diagram shows the number of hours dedicated to each of the project roles, the personnel cost for each of the project roles, the amortization cost and the totals, the working hour of a manager or an analyst costs €30.00 and the work hour of the other roles costs €20.00:

- **Alberto/Manager**: 30.00€/h → 5+35+2+32+35 = 1 h, 49 min → 54.50€
- **Alejandro/Analyst**: 30.00€/h → 35 +32 +20 = 1 h, 27 min → 43.20€
- **Ismael/Developer**: 20.00€/h → 35 +32 = 1 h, 7 m → 22.30€
- **Marcos/Tester**: 20.00€/h → 35 + 32 = 1 h, 7 m → 22.30€
- **Mario/Operator**: 20.00€/h → 35 + 32 = 1 h, 7 m → 22.30€

Total: 164.60€

Tasks 2

- **Task 9:**
    - Succinct description:

      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".
    - Assignees and roles: Mario Izquierdo Lavado, Operator, Develop.
    - Planned time: 30 minutes.
    - Actual time: 20 minutes.

- **Task 10:**
    - Succinct description: 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..
    - Assignees and roles: Ismael Herrera Ramirez, Developer, Tester.
    - Planned time: 35 minutes.
    - Actual time: 35 minutes.

- **Task 11:**
    - Succinct description: 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.
    - Assignees and roles: Marcos Olmedo Marín, Tester, Developer
    - Planned time: 30 minutes.
    - Actual time: 35 minutes.

- **Task 12:**
    - Succinct description: 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.
    - Assignees and roles: Mario izquierdo Lavado, Operator, Developer
    - Planned time: 30 minutes.
    - Actual time: 35 minutes.

- **Task 13:**
    - Succinct description: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.
    - Assignees and roles: Alberto Domínguez-Adame Ruiz, Manager, Developer
    - Planned time: 30 minutes.
    - Actual time: 35 minutes.

- **Task 14:**
    - Succinct description: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.
    - Assignees and roles: Alejandro Merino Palma, Analyst, Developer
    - Planned time: 30 minutes.
    - Actual time: 35 minutes.

- **Task 15:**
    - 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.
- Assignees and roles: Ismael Herrera ramirez, Developer, Tester
- Planned time: 20 minutes.
- Actual time: 20 minutes.

- **Task 16:**
    - Succinct description: Produce an analysis report.
    - Assignees and roles: Everyone.
    - Planned time: 45 minutes.
    - Actual time: 40 minutes.

- **Task 17:**
    - Succinct description: Produce a planning report.
    - Assignees and roles: Everyone.
    - Planned time: 35 minutes.
    - Actual time: 25 minutes.

- **Task 18:**
    - Succinct description: Produce a UML domain model.
    - Assignees and roles: Everyone.
    - Planned time: 120 minutes.
    - Actual time: 130 minutes.

Budget 2

The following diagram shows the number of hours dedicated to each of the project roles, the personnel cost for each of the project roles, the amortization cost and the totals, the working hour of a manager or an analyst costs €30.00 and the work hour of the other roles costs €20.00:

- **Alberto/Manager**: 30.00€/h → 35+40+25+130= 3h, 50 min → 115.00€
- **Alejandro/Analyst**: 30.00€/h → 35+40+25+130 = 3h, 50 min → 115.00€
- **Ismael/Developer**: 20.00€/h → 35+20+40+25+130 = 04h, 10 min → 83,33€
- **Marcos/Tester**: 20.00€/h → 35+40+25+130 = 03h, 50 min → 76.66€
- **Mario/Operator**: 20.00€/h → 20+35+40+25+130 = 04 h, 10 min → 83.33€

Total: 473.32€

Tasks 3

- **Task 20:**
    - Succinct description:

      Operations by administrators on the system configuration:

        ▪ Show the system configuration.
        ▪ Update the system configuration.
    - Assignees and roles: Ismael Herrera Ramirez, Develop, Tester
    - Planned time: 150 minutes.
    - Actual time: 150 minutes.

- **Task 21:**
    - Succinct description:

      Operations by any principals on peeps:

        ▪ List the peeps and show their details.
        ▪ Publish a peep. By default, the nick must be kept blank if the principal is anonymous; otherwise, it must be filled with the principal's full name; anyway, it can be changed at will.
    - Assignees and roles: Ismael Herrera Ramirez, Developer, Tester.
    - Planned time: 120 minutes.
    - Actual time: 120 minutes.

- **Task 22:**
    - Succinct description:

    - Operations by authenticated principals on bulletins:

        ▪ List the bulletins and show their details.
    - Assignees and roles: Marcos Olmedo Marín, Tester, Developer
    - Planned time: 60 minutes.
    - Actual time: 120 minutes.

- **Task 23:**
    - Succinct description:

    - Operations by administrators on bulletins:

        - Post a bulletin. This operation requires confirmation because bulletins cannot be updated or deleted.
    - Assignees and roles: Marcos Olmedo Marín, Tester, Developer
    - Planned time: 120 minutes.
    - Actual time: 180 minutes.

- **Task 24:**
    - Succinct description:

    Operations by authenticated principals on offers:

        - List the offers in the system and show their details.
    - Assignees and roles: Mario Izquierdo Lavado, Operator, Develop
    - Planned time: 60 minutes.
    - Actual time: 120 minutes.

- **Task 25:**
    - Succinct description:

    Operations by administrators on offers:

        - List the offers in the system and show their details.

        - Post, update or delete an offer.
    - Assignees and roles: Mario Izquierdo Lavado, Operator, Develop
    - Planned time: 120 minutes.
    - Actual time: 180 minutes.

- **Task 26:**
    - Succinct description:

    - Operations by authenticated principals on notes:

        - List the notes that are not older than one month and show their details.
        - Post a note. This operation requires confirmation because notes cannot be updated or deleted.
    - Assignees and roles: Alberto Domínguez-Adame Ruiz, Manager, Developer
    - Planned time: 120 minutes.
    - Actual time: 180 minutes.

- **Task 27:**
  - Succinct description:

    Operations by any principals on banners:

    - Display any of them randomly, as long as its display period are active; the banners must be shown in every page as little intrusively as possible.
  - Assignees and roles: Alejandro Merino Palma, Analyst, Developer.
  - Planned time: 60 minutes.
  - Actual time: 120 minutes.

- **Task 28:**
  - Succinct description:

    Operations by administrators on banners:

    - List the banners and show their details.
    - Create, update, or delete a banner.
  - Assignees and roles: Alejandro Merino Palma, Analyst, Developer.
  - Planned time: 120 minutes.
  - Actual time: 180 minutes.

- **Task 29:**
  - Succinct description:

    Moments, money amounts, and Booleans must be internationalised when they are shown. Other kinds of data are not expected to be internationalised.

  - Assignees and roles: Everyone.
  - Planned time: 60 minutes.
  - Actual time: 120 minutes.

- **Task 30:**
  - Succinct description:

    The system must show money amounts as they are entered by the users, but also their corresponding money exchanges according to the system currency if their known exchange ratios are recent.

  - Assignees and roles: Everyone.
  - Planned time: 60 minutes.
  - Actual time: 120 minutes.

- **Task 32:**
    - Succinct description: Produce an analysis report.
    - Assignees and roles: Everyone.
    - Planned time: 45 minutes.
    - Actual time: 60 minutes.

- **Task 33:**
    - Succinct description: Produce a planning report.
    - Assignees and roles: Everyone.
    - Planned time: 35 minutes.
    - Actual time: 45 minutes.

Budget 3

The following diagram shows the number of hours dedicated to each of the project roles, the personnel cost for each of the project roles, the amortization cost and the totals, the working hour of a manager or an analyst costs €30.00 and the work hour of the other roles costs €20.00:

- **Alberto/Manager**: 30.00€/h → 325 + 180= 8h, 42 min → 261.00€
- **Alejandro/Analyst**: 30.00€/h → 325 + 300= 10 h, 42 min → 321.00€
- **Ismael/Developer**: 20.00€/h → 325 + 270= 10 h, 12 min → 204.00€
- **Marcos/Tester**: 20.00€/h → 325 + 300= 10 h, 42 min → 214.00€
- **Mario/Operator**: 20.00€/h → 325 + 300= 10 h, 42 min → 214.00€

Total: 1214.00€

Tasks 4

- **Task 34:**
    - Succinct description:

      Produce as a complete test suite as possible for Requirement #21.

    - Assignees and roles: Mario Izquierdo Lavado, Operator, Develop and Ismael Herrera Ramirez, Developer, Tester.
    - Planned time: 60 minutes.
    - Actual time: 120 minutes.

- **Task 35:**
    - Succinct description:

      Produce testing data for your test suites.

    - Assignees and roles: Mario Izquierdo Lavado, Operator, Develop and Ismael Herrera Ramirez, Developer, Tester.
    - Planned time: 60 minutes.
    - Actual time: 120 minutes.

- **Task 36:**
    - Succinct description: Produce an analysis report.
    - Assignees and roles: Everyone.
    - Planned time: 45 minutes.
    - Actual time: 60 minutes.

- **Task 37:**
    - Succinct description: Produce a planning report.
    - Assignees and roles: Everyone.
    - Planned time: 35 minutes.
    - Actual time: 45 minutes.

- **Task 38:**
    - Succinct description: Produce a testing report.
    - Assignees and roles: Everyone.
    - Planned time: 120 minutes.
    - Actual time: 180 minutes.

Budget 4

The following diagram shows the number of hours dedicated to each of the project roles, the personnel cost for each of the project roles, the amortization cost and the totals, the working hour of a manager or an analyst costs €30.00 and the work hour of the other roles costs €20.00:

- **Alberto/Manager**: 30.00€/h → 285 = 4h, 15 min→ 127.50€
- **Alejandro/Analyst**: 30.00€/h → 285 = 4h, 15 min→ 127.50€
- **Ismael/Developer**: 20.00€/h → 285 + 240 = 8h, 15 min→ 165.00€
- **Marcos/Tester**: 20.00€/h → 285 = 4h, 15 min→ 85.00€
- **Mario/Operator**: 20.00€/h → 285 + 240 = 8h, 15 min→ 165.00€

Total: 670.00€

Budgets Total

The total budget will be calculated by adding all the budgets of all the sprints. The total budget is as follows:

Budget 1 - Total: 164.60 €

Budget 2 - Total: 473.32 €

Budget 3 - Total: 1214.00 €

Budget 4 - Total: 670.00 €

Budgets - Total: 2521.92 €

Conclusion

In conclusion, this sprint is considered less heavier than the one before and we focused more to fix the errors and improve the code.

Bibliography

- Document "On Your Derivables" of EV of the subject Design and Testing II.

- Document "So6 - On your follow-ups" of EV of the subject Design and Testing II.

- Document "o8- Annexes" of EV of the subject Design and Testing II.