

Student #2, 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	25/05/2023	Full redaction of the document

Introduction

This document lists the individual tasks assigned to the student during each spring of development in Acme L3, including information regarding each, as well as the estimated budget for the specified activities and the total.

This document has the following structure:

- Contents
 - Tasks 2
 - Budget 2
 - Tasks 3
 - Budget 3
 - Tasks 4
 - Budget 4
 - Budgets Total
- Conclusion
- Bibliography

Contents

Tasks 2

Due to the individual nature of this report, the team member designated to each task will be omitted. During the Sprint 2, Ismael Herrera Ramirez will have to complete the following tasks:

- **Develop**: Create a new project-specific role called student, which has some profile data.
 - **Role**: developer
 - **Estimated time**: 45 mins
 - **Actual Time**: 60 mins

- **Develop**: Create an entity called enrolment, that is a registration of a student in a course.
 - **Role**: developer
 - **Estimated time**: 90 mins
 - **Actual Time**: 85 mins

- **Develop**: Create an entity called activities that composes a workbook.
 - **Role**: developer
 - **Estimated time**: 60 mins
 - **Actual Time**: 45 mins

- **Develop**: Create a form called student dashboard.
 - **Role**: developer
 - **Estimated time**: 40 mins
 - **Actual Time**: 30 mins

- **Develop**: Produce various sample data to test my application, including in my data the two company accounts with credentials "student1/student1" and "student2/student2".
 - **Role**: developer
 - **Estimated time**: 25 mins
 - **Actual Time**: 20 mins

- **UML Design:** Design an UML Chart.
 - **Role:** analyst
 - **Estimated time:** 180 mins
 - **Actual Time:** 150 mins

- **Analysis report:** Produce an analysis report.
 - **Role:** analyst
 - **Estimated time:** 80 mins
 - **Actual Time:** 65 mins

- **Planning report:** Produce a planning report.
 - **Role:** analyst
 - **Estimated time:** 30 mins
 - **Actual Time:** 30 mins

Budget 2

The budget will be calculated by multiplying the income per hour of each role assumed by the worker and multiplied by the estimated time that will be spent working under said role. For this sprint the budget is as follows:

- <u>Manager:</u>	30.00€/h	*	0h,	00 min →	00.00 €
- <u>Analyst:</u>	30.00€/h	*	4h,	05 min →	122.50 €
- <u>Developer:</u>	20.00€/h	*	4h,	00 min →	80.00 €
- <u>Tester:</u>	20.00€/h	*	0h,	00 min →	00.00 €
- <u>Operator:</u>	20.00€/h	*	0h,	00 min →	00.00 €
<u>Total:</u>					202.5 €

Tasks 3

Due to the individual nature of this report, the team member designated to each task will be omitted. During the Sprint 3, Ismael Herrera Ramirez will have to complete the following tasks:

- **Develop**: Operations by anonymous principals on user accounts:
 - Sign up to the system and become a student.
 - **Role**: developer
 - **Estimated time**: 45 mins
 - **Actual Time**: 30 mins

- **Develop**: Operations by students on user accounts:
 - Update their profiles.
 - **Role**: developer
 - **Estimated time**: 60 mins
 - **Actual Time**: 40 mins

- **Develop**: Operations by any students on courses:
 - List the courses in the system that are published.
 - Show the details of the courses in the system, including their lectures and lecturers.
 - **Role**: developer
 - **Estimated time**: 210 mins
 - **Actual Time**: 300 mins

- **Develop**: Operations by students on enrolments:
 - List their own enrolments.
 - Show the details of their enrolments.
 - Register an enrolment.
 - Update or delete an enrolment as long as it is not finalised.
 - Finalise an enrolment. This requires providing a valid credit card; the system will only store its holder and its lower nibble.
 - **Role**: developer
 - **Estimated time**: 400 mins
 - **Actual Time**: 420 mins

- **Develop**: Operations by students on workbooks:
 - List the activities in their workbooks.
 - Show the details of their workbooks.
 - Create a new activity in their workbooks, as long as the corresponding enrolment is finalised.
 - Update or delete the activities in their workbooks, as long as the corresponding enrolment is finalised.
 - **Role**: developer
 - **Estimated time**: 270 mins
 - **Actual Time**: 300 mins

- **Develop**: Operations by students on student dashboards:
 - Show their student dashboards.
 - **Role**: developer
 - **Estimated time**: 180 mins
 - **Actual Time**: 210 mins

- **Analysis report**: Produce an analysis report.
 - **Role**: analyst
 - **Estimated time**: 80 mins
 - **Actual Time**: 65 mins

- **Planning report**: Produce a planning report.
 - **Role**: analyst
 - **Estimated time**: 30 mins
 - **Actual Time**: 30 mins

Budget 3

The budget will be calculated by multiplying the income per hour of each role assumed by the worker and multiplied by the estimated time that will be spent working under said role. For this sprint the budget is as follows:

- <u>Manager:</u>	30.00€/h	*	0h,	00 min →	00.00 €
- <u>Analyst:</u>	30.00€/h	*	1h,	35 min →	47.50 €
- <u>Developer:</u>	20.00€/h	*	21h,	20 min →	426.67 €
- <u>Tester:</u>	20.00€/h	*	0h,	00 min →	00.00 €
- <u>Operator:</u>	20.00€/h	*	0h,	00 min →	00.00 €
<u>Total:</u>					474.17 €

Task 4

Due to the individual nature of this report, the team member designated to each task will be omitted. During the Sprint 4, Ismael Herrera Ramirez will have to complete the following tasks:

- **Tester:** Produce a test suite for Requirements #14 and #15.
 - **Role:** tester
 - **Estimated time:** 180 minutes
 - **Actual Time:** 200 minutes

- **Tester:** Produce assorted testing data for your test suite.
 - **Role:** tester
 - **Estimated time:** 60 minutes
 - **Actual Time:** 100 minutes

- **Analysis report:** Produce an analysis report..
 - **Role:** analyst
 - **Estimated time:** 40 minutes
 - **Actual Time:** 20 minutes

- **Planning report:** Produce a planning report.
 - **Role:** analyst
 - **Estimated time:** 30 minutes

- **Actual Time:** 20 minutes

- **Planning report:** Produce a testing report.
 - **Role:** analyst
 - **Estimated time:** 120 minutes
 - **Actual Time:** 180 minutes

Budget 4

The budget will be calculated by multiplying the income per hour of each role assumed by the worker and multiplied by the estimated time that will be spent working under said role. For this sprint the budget is as follows:

- <u>Manager:</u>	30.00€/h	*	0h,	00 min →	00.00 €
- <u>Analyst:</u>	30.00€/h	*	3h,	40 min →	110.00 €
- <u>Developer:</u>	20.00€/h	*	0h,	00 min →	00.00 €
- <u>Tester:</u>	20.00€/h	*	5h,	00 min →	100.00 €
- <u>Operator:</u>	20.00€/h	*	0h,	00 min →	00.00 €
<u>Total:</u>					220.00 €

Budgets Total

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

<u>Budget 2 - Total:</u>	202.50 €
<u>Budget 3 - Total:</u>	474.17 €
<u>Budget 4 - Total:</u>	220.00 €
<u>Budgets - Total:</u>	896.67 €

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.