DP2 2023-2024

Planning and progress report D04

Acme Software Factory

Repository: https://github.com/rafcasceb/Acme-SF-D04

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GROUP C1.049

Version 1.0

11-05-24

Content Table

Executive summary

In this report we will document the planning and the progress for the individual tasks of the fourth delivery of the project. Cost estimation will be included.

Revision Table

Date	Version	Description of the changes	Sprint
08/05/2024	1.0	• Executive summary • Introduction • Planned tasks, time and budget • Initial screenshots	4
11/05/2024	1.0	• Actual tasks, time and budget • Final screenshots • Conclusion • Bibliography	4

Introduction

The fourth delivery comprises five tasks in total, with two categorized as optional. Two of them are about testing features and the other three involve writing reports.

Since this report exclusively refers to the individual tasks of student number 1, myself, I am attributed all possible roles. Also, attendance hours will be left for the group planning and progress report.

The team has decided to keep a GitHub project exclusively for the group tasks, so we have created one GitHub project for each individual member and their own tasks; that's why only my individual tasks will be seen in the screenshots of this report.

The content of this report is organized in two chapters: the planning chapter and the progress chapter.

The planning chapter includes:

- A listing with the tasks that have been performed to fulfil the requirements, for each task, providing the title, succinct description, assignee and role/s, planned time, and actual time.
- Some screenshots of different moments of the delivery development.
- A budget with the total estimated cost required to carry the previous tasks out. This includes the number of estimated hours (with details per role), the personnel cost (with details per role), the amortization cost, and the totals.

The progress chapter includes:

- My progress record, including an analysis of my performance indicators.
- A succinct description of the arisen conflicts and how I have addressed them.
- A comparison between the cost estimated in the previous planning and the real cost after finishing the deliverable. This includes the number of hours spent (with details per role), the personnel cost (with details per role), the amortization cost, and the totals.

Contents

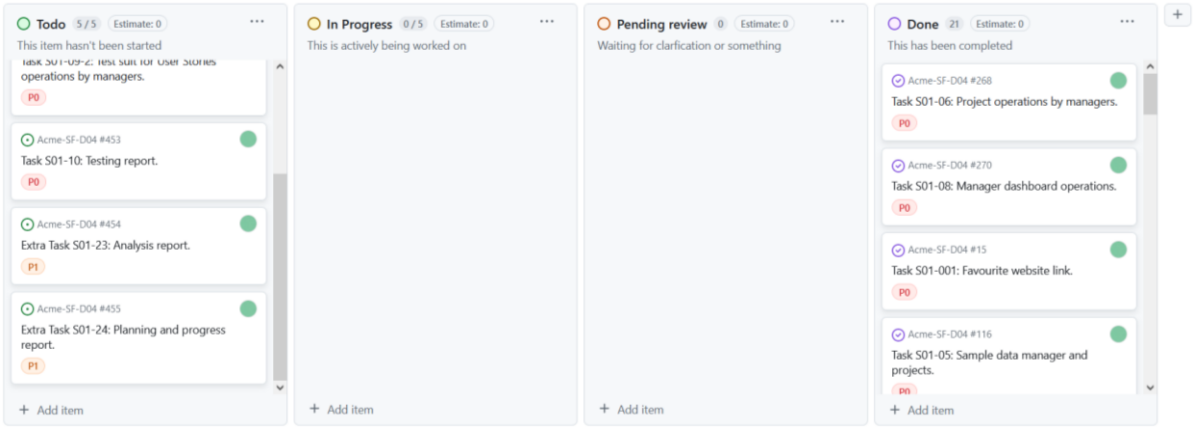
Planning

Listing by tasks

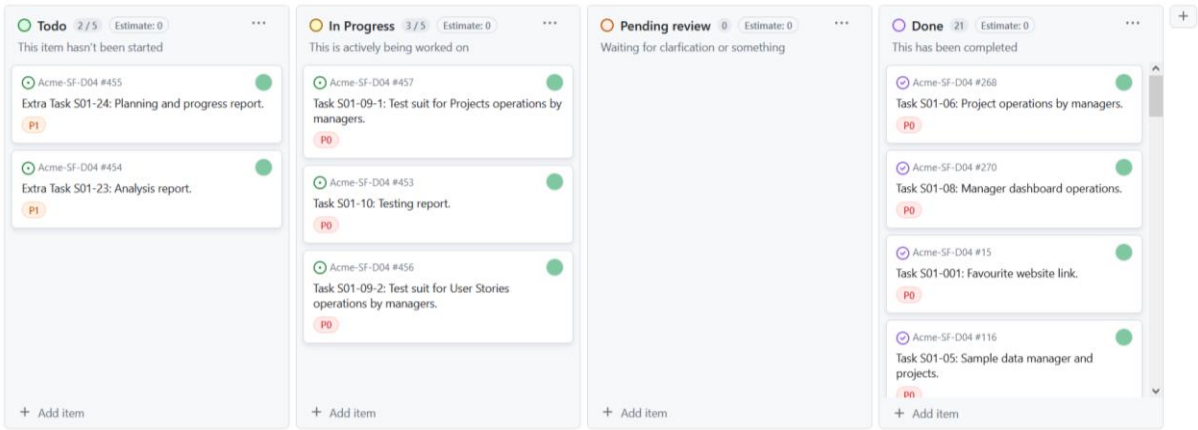
Tasks	Description	Assignees	Roles	Planned hours	Actual hours
S01-09-1	Test suit for Projects operations by managers.	Rafael	Manager Analyst Developer Tester	7 h	6 h 23 min
S01-09-1	Test suit for User Story operations by managers.			6 h	3h 19 min
S01-10	Testing report.			4 h	5h 43 min
S01-23	Analysis report.			1 h 30 min	22 min
S01-24	Planning and progress report.			1 h 30 min	1h 18 min

Screenshots

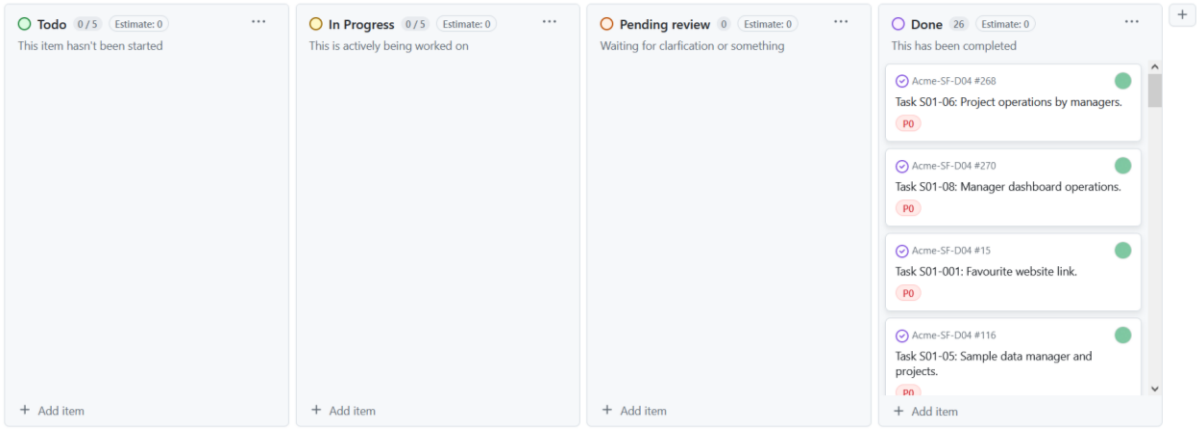
1. Initial state of tasks



2. Intermediate state of tasks



3. Final state of tasks



Planned budget per role

Role	Planned time	Personnel costs (€/h)	Total cost (€)
Manager	1 h 30 min	30.00	45.00
Analyst	1 h 50 min	30.00	54.90
Developer	0 h	20.00	0
Tester	16 h 40 min	20.00	333.40
Deployer	0 h	20.00	0
TOTAL			**433.30**

Amortization = (equipment value + residual value) / useful life =
= (1300 - 0.35*1300) / 3 = 845 / 3 = 281.67 €
Without sale expectancy, the residual value would be 0 and the amortization, 433.33 €.

For the equipment, only the computer has been considered.

The monthly amortization considering sale expectancy plus the sprint personnel cost would sum up to 456.80 €.

Progress

Actual budget

Role	Actual time	Personnel costs (€/h)	Total cost (€)
Manager	1 h 18 min	30.00	39.00
Analyst	22 min	30.00	11.00
Developer	7 min	20.00	2.33
Tester	15 h 13 min	20.00	304.33
Deployer	0 h	20.00	0
TOTAL			**356.66**

Amortization = (equipment value + residual value) / useful life =
= (1300 + 0.35*1300) / 3 = 845 / 3 = 281.67 €

This amortization is calculated for a span of 3 years. For the equipment, only the computer has been considered.

The monthly amortization considering sale expectancy plus the sprint personnel cost would sum up to 380.13 €.

Budget comparison

Role	Planned time	Actual time	Time difference	Planned cost (€)	Actual cost (€)	Difference of cost (€)	Planned amortization (€)	Actual amortization (€)	Amortization difference (€)
Manager	1 h 30 min	1 h 18 min	- 12 min	45.00	39.00	- 6.00	281.67	281.67	0.00
Analyst	1 h 50 min	22 min	- 1 h 28 min	54.90	11.00	- 43.90			
Developer	0	7 min	+ 7 min	0	2.33	+ 2.33			
Tester	16 h 40 min	15 h 13 min	- 1 h 27 min	333.40	304.33	-29.11			
Deployer	0	0	+ 0 h	0	0	+ 0			
TOTAL			**- 3 h**			**- 76.68**			**+ 0.00**

Conflicts

No real conflict has arisen in this delivery. Everything was clear since the beginning and the tools performed perfectly.

Progress record

Rafael Castillo Cebolla – Student #1, at 11/05/2024.
To this date, I have correctly fulfilled all my tasks, including this one, within the assigned time. I've analysed the tasks, tracked my time and measured my cost. I believe I have done a good job playing all four involved roles for the final individual delivery.

Let us analyse my individual tasks based on the performance metrics defined in the group charting report. It must be noted that since the same person plays all roles here, it would not have been any practical to create an analysis (QA) after I finish each task to then review them myself again, something I must have done (and I have) before deeming it done in first place. However, if after considering a task I become aware of a mistake, I would create a new revision task to solve it.

- Performance percentage: Performance = CompletedTasks / TotalTasks * 100 = 5/5 * 100 = 100
- Number of serious revision tasks: 0.

The results show a great performance in this delivery.

Conclusions

It has been a very positive final delivery. All work has been done in time and well. The first testing suit has naturally taken more time than the second one. I am extremely happy with my results and the result of my team, not only in this delivery but in the whole project. I think we fulfilled our commitment.

Bibliography

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