DP2 2023-2024
Planning and progress report D03

Acme Software Factory

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

Student #1:
- Castillo Cebolla, Rafael   rafcasceb@alum.us.es

Other members:
- Flores de Francisco, Daniel   danflode@alum.us.es
- Heras Pérez, Raúl   rauherper@alum.us.es
- Mellado Díaz, Luis   luimeldia@alum.us.es
- Vento Conesa, Adriana   adrvencon@alum.us.es

GROUP C1.049

Version 1.1

08-05-24

Content Table

Executive summary

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

Revision Table

Date	Version	Description of the changes	Sprint
07/04/2024	1.0	- Executive summary - Introduction - Planned tasks, time and budget - Initial screenshots	3
22/04/2024	1.0	- Actual tasks, time and budget - Final screenshots - Conclusion - Bibliography	3
08/04/2024	1.1	Fix delivery number	4

Introduction

The third delivery comprises ten tasks in total, with six of them categorized as optional. Three of them are involve writing reports, one of them is for fixing some details of the previous delivery and all the rest entail implementing functional requirements.

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
S01-06	Project operations by managers.	Rafael	Manager Analyst Developer	7 h.	7 h 18 min
S01-07	User story operations by managers.			4 h.	6h 33 min
S01-08	Manager dashboard operations.			2 h	2h 21 min
S01-17	Become a manager			2 h	28 min
S01-18	Update profile as manager.			45 min	22 min
S01-19	Project operations by any.			3 h	27 min
S01-20	Analysis report.			1 h 30 min	1h 22 min
S01-21	Planning and progress report.			1h 10 min	54 min
S01-22	Lint report.			2 h	1h 07 min
S01-Other1	Solve problems first follow up.			-	2 h 27 min

Screenshots

1. Initial state of tasks
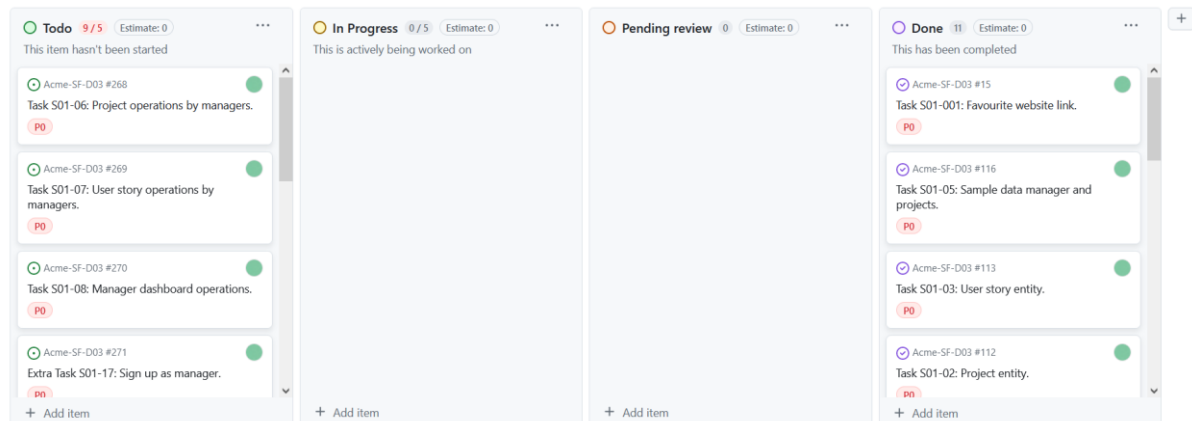
2. Intermediate state of tasks
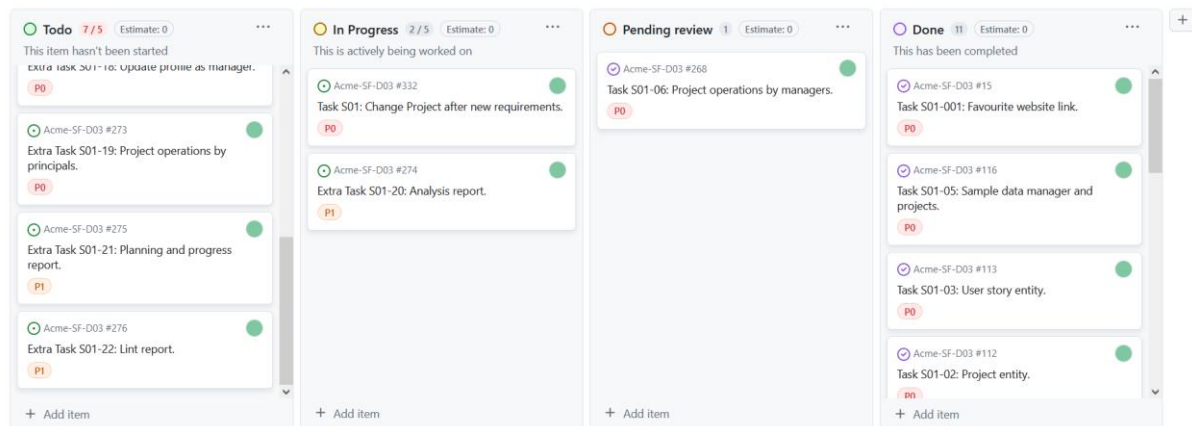
3. Final state of tasks
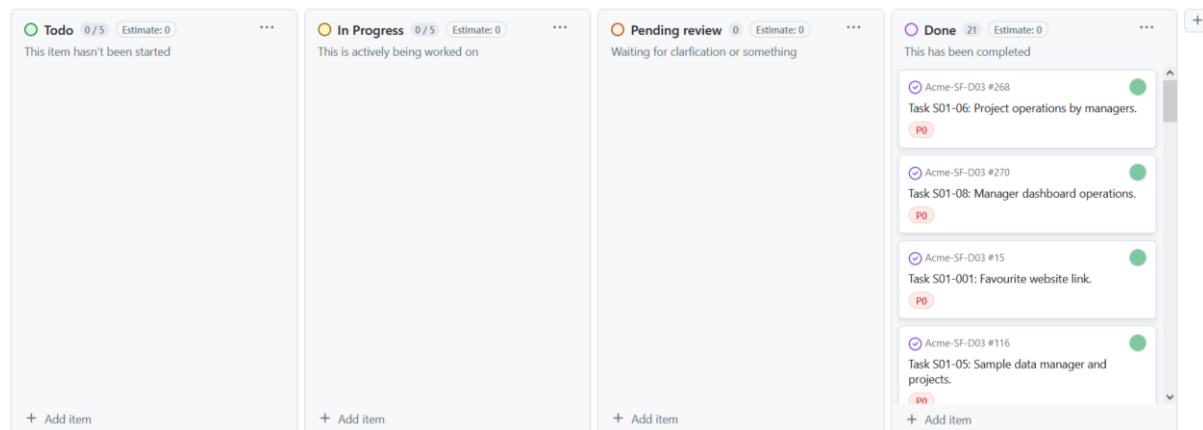
Planned budget per role

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	21 h 15 min	20.00	425.00
Tester	0 h	20.00	0
Deployer	0 h	20.00	0
TOTAL			**524.90**

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 548.37 €.

Progress

Actual budget

Role	Actual time	Personnel costs (€/h)	Total cost (€)
Manager	48 min	30.00	24.00
Analyst	50 min	30.00	25.00
Developer	23 h 29 min	20.00	469.83
Tester	0 h	20.00	0
Deployer	0 h	20.00	0
TOTAL			**518.83**

Amortization = (equipment value + residual value) / useful life =

$$= (1300 + 0.35*1300) / 3 = 845 / 3 = 281.67 \text{ €}$$

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 542.30 €.

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	48 min	- 42 min	45.00	24.00	- 21.00			
Analyst	1 h 50 min	50 min	- 1 h	54.90	25.00	- 29.90	281.67	281.67	0.00
Developer	21 h 15 min	23 h 29 min	+ 2 h 14 min	425.00	469.83	+ 44.83			
Tester	0	0	+ 0 h	0	0	+0			
Deployer	0	0	+ 0 h	0	0	+0			
TOTAL			+ 3 h 32 min			- 6.07			+ 0.00

Conflicts

No real conflict has arisen in this delivery. If any, I had to wait for a clarification of the lint report for some days. Even if not a conflict, it would be interesting to mention that a new task was added some days after the beginning of the sprint to solve some problems with the previous delivery.

Progress record

Rafael Castillo Cebolla – Student #1, at 22/04/2024.
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 three involved roles for the 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 = 10/10 * 100 = 100
- Number of serious revision tasks: 0.

The results show a great performance in this delivery. Let's keep up the work.

Conclusions

It has been a very positive third delivery. All work has been done in time and well. The first features have naturally taken more time than the following ones. I am ready for the last delivery and eager to keep on improving and keep aiming for the maximum grade, as all my group partners.

Bibliography

Intentionally blank.