DP2 2023-2024

Planning and progress report D02

Acme Software Factory

Repository: https://github.com/rafcasceb/Acme-SF-D02

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GROUP C1.049

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07-03-24

Content Table

Executive summary

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

Revision Table

Date	Version	Description of the changes	Sprint
07/03/2024	1.0	• Executive summary • Introduction • Content • Actual time and comparison • Final screenshots • Conclusion • Bibliography	2

Introduction

The second delivery comprises eight tasks in total, with four categorized as mandatory and four as optional. Four of these entail coding entities and forms, one is for populating with sample data and the subsequent tasks involve writing reports and a UML diagram.

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

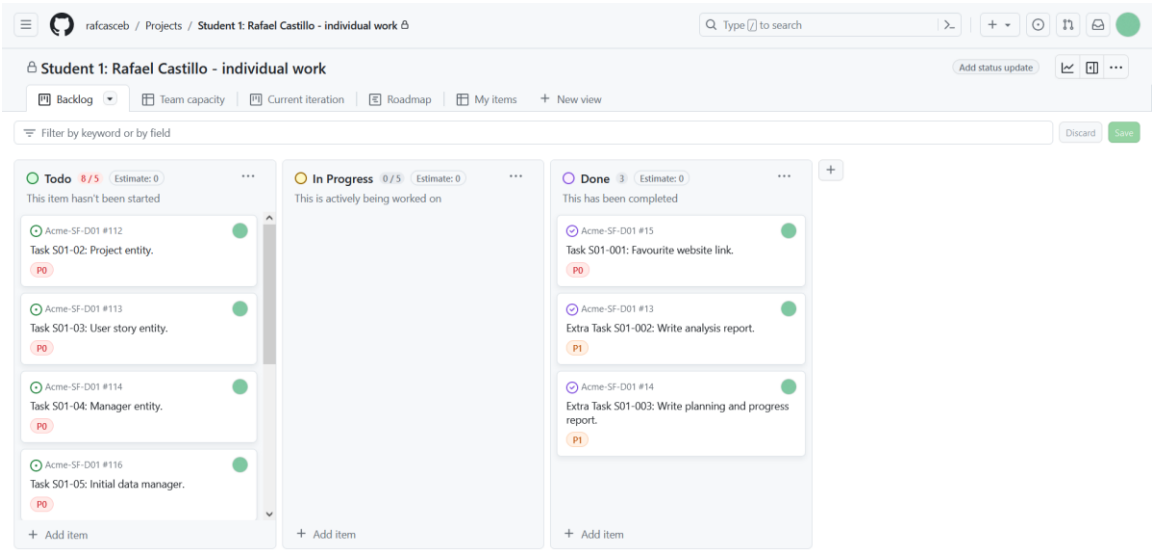
Planning

Listing by tasks

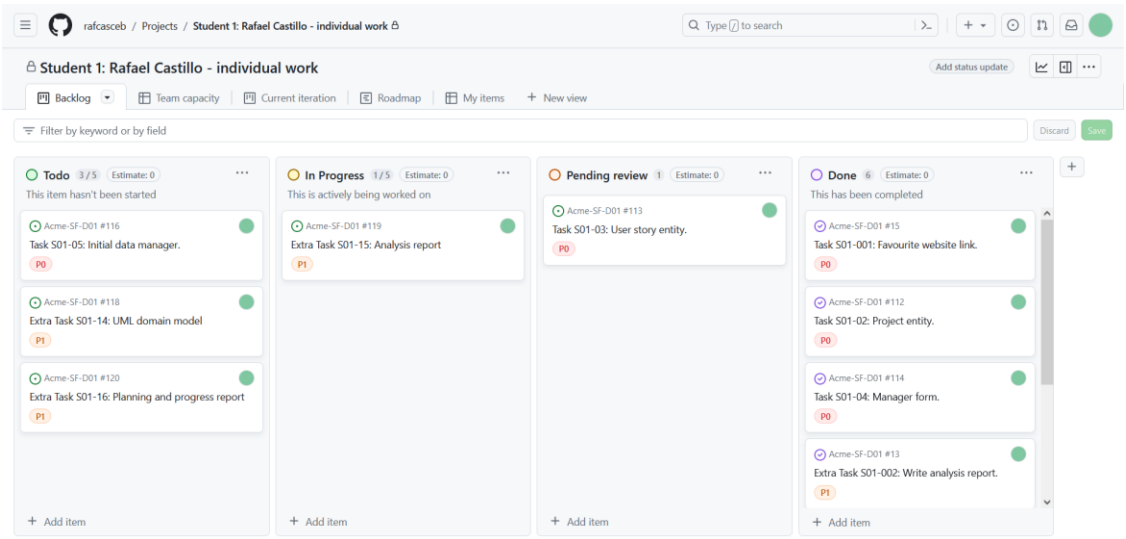
Tasks	Description	Assignees	Roles	Planned hours	Actual hours
S01-02	Project entity.	Rafael	Manager Analyst Developer	1 h.	1h 31 min
S01-03	User story entity.			1 h.	1h 54 min
S01-04	Manager form.			30 min.	24 min
S01-05	Population data.			2 h. 30 min.	4 h 03 min
S01-13	Manager role.			45 min.	32 min
S01-14	UML domain model.			1 h	1h 47 min
S01-15	Analysis report.			1 h. 30 min.	2 h 12 min
S01-16	Planning and progress report.			1h. 30 min.	54 min

Screenshots

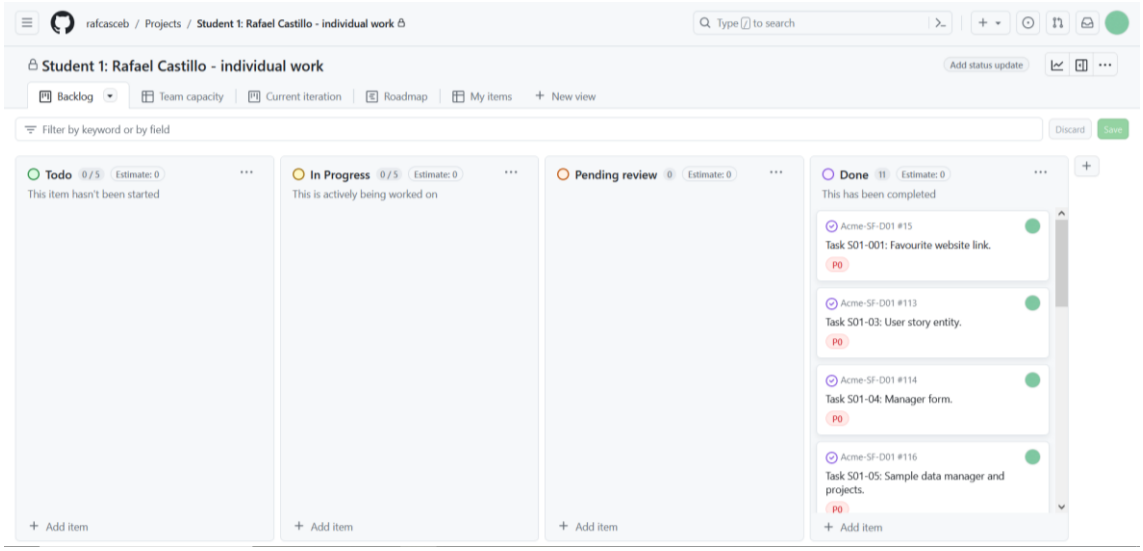
1. Initial state of tasks



2. Intermediate state of tasks



3. Final state of tasks



Planned budget per role

Role	Planned time	Personnel costs (€/h)	Total cost (€)
Manager	2 h	30.00	60.00
Analyst	1 h 45 min	30.00	52.50
Developer	6 h	20.00	120
Tester	0 h	20.00	0
Deployer	0 h	20.00	0
TOTAL			232.50

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 255.97 €.

Progress

Actual budget

Role	Actual time	Personnel costs (€/h)	Total cost (€)
Manager	1h 30 min	30.00	45.00
Analyst	2h 30 min	30.00	75.00
Developer	9 h 17 min	20.00	185.67
Tester	0	20.00	0
Deployer	0	20.00	0
TOTAL			**305.67**

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 329.14 €.

Budget comparison

Role	Planned time	Actual time	Time difference	Planned cost (€)	Actual cost (€)	Difference of cost (€)	Planned amortization (€)	Actual amortization (€)	Amortization difference (€)
Manager	2 h	1 h 30 min	- 30 min	60.00	45.00	- 15.00	281.67	281.67	0.00
Analyst	1 h 45 min	2 h 30 min	+ 45 min	52.50	75.00	+ 21.50			
Developer	6 h	9 h 17min	+ 3 h 17 min	120.00	185.67	+ 65.67			
Tester	0 h	0 h	+ 0 h	0	0	+0			
Deployer	0 h	0 h	+ 0 h	0	0	+0			
TOTAL			**+ 3 h 32 min**			**+ 72.67**			**+ 0.00**

Conflicts

No real conflict has arisen in this delivery. If any, the development of the entities have taken more time than expected due to the progressive clarifications of the client about the requirements.

Progress record

Rafael Castillo Cebolla – Student #1, at 07/03/2024.
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 = 7/7
- Number of serious revision tasks: 0.

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

Conclusions

It has been a very positive introductory delivery. All work has been done in time and well, I have accustomed to the framework and the methodologies, and I am ready to keep on improving and keep aiming for the maximum grade, as all my group partners. I hope to bring this effort to my team and obtain the result with which we all will be content.

Bibliography

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