DP2 2023-2024
Planning and progress report D01

Acme Software Factory

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

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GROUP C1.049

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Content Table

Executive summary

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

Since this report exclusively refers to the individual tasks of student number 1, myself, I am attributed all possible roles: manager, analyst and developer. Tester and deployer roles will not be taken into consideration for there is no room for them in this first delivery.

Revision Table

Date	Version	Description of the changes	Sprint
16/02/2024	1.0	• Executive summary • Introduction • Content	1
16/02/2024	1.1	• Actual time and comparison • Final screenshots • Conclusion • Bibliography	1

Introduction

The first delivery comprises three tasks in total, with one categorized as mandatory and the remaining two as optional. The first task entails coding a small additional software feature, while the subsequent tasks involve writing reports, one of which is this very 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

Tasks	Description	Assignees	Roles	Planned hours	Actual hours
D01-1	Modify the anonymous menu so that it shows an option that takes the browser to the home page of your favourite web site.	Rafael	Manager Analyst Developer	45 min.	12 min.
D01-11	Produce an analysis report.			45 min.	48 min.
D01-12	Produce a planning and progress report.			1 h 30 min.	2 h 17 min.

Screenshots
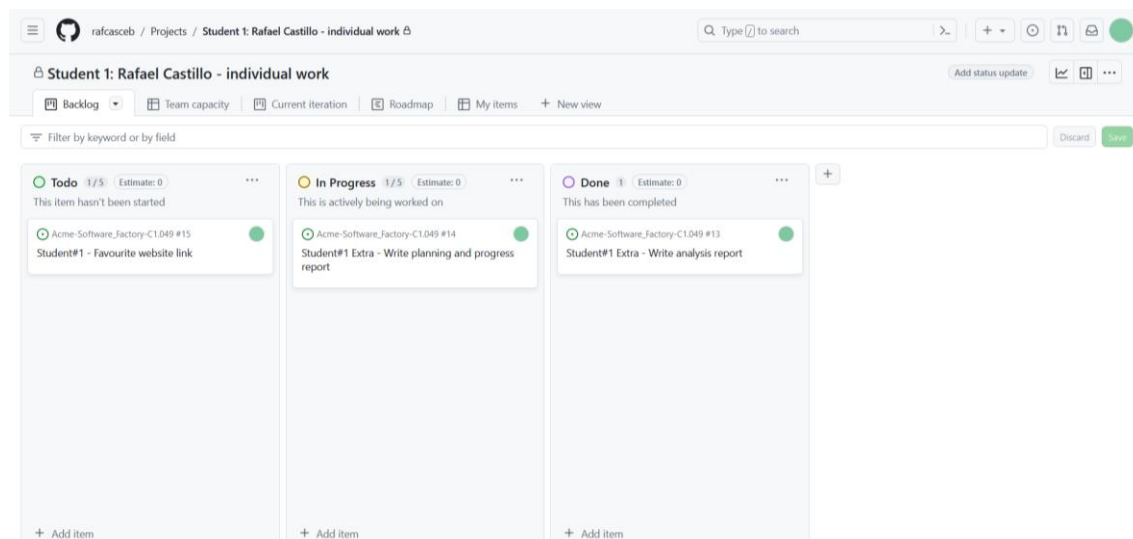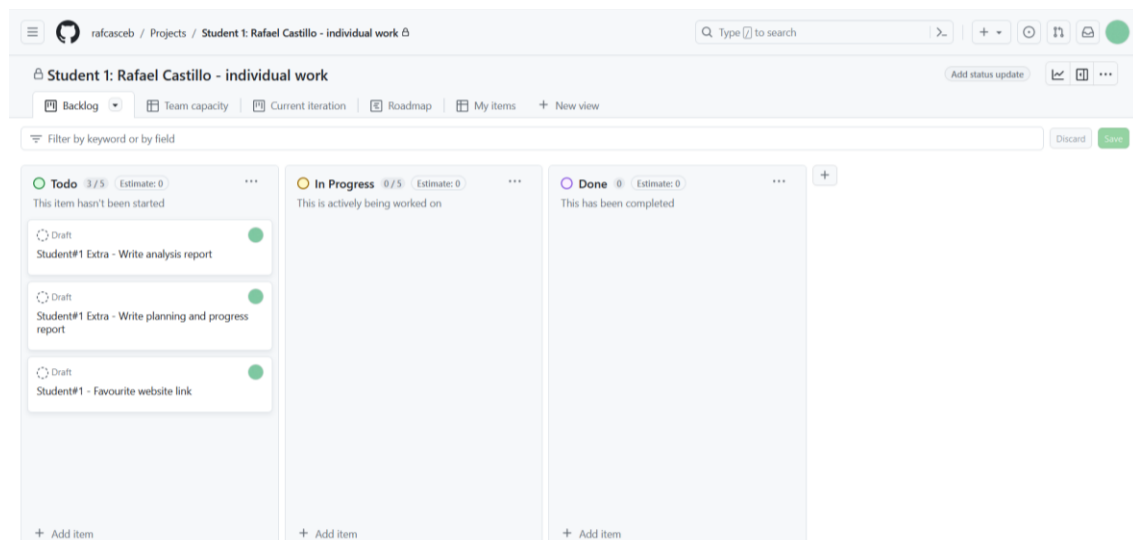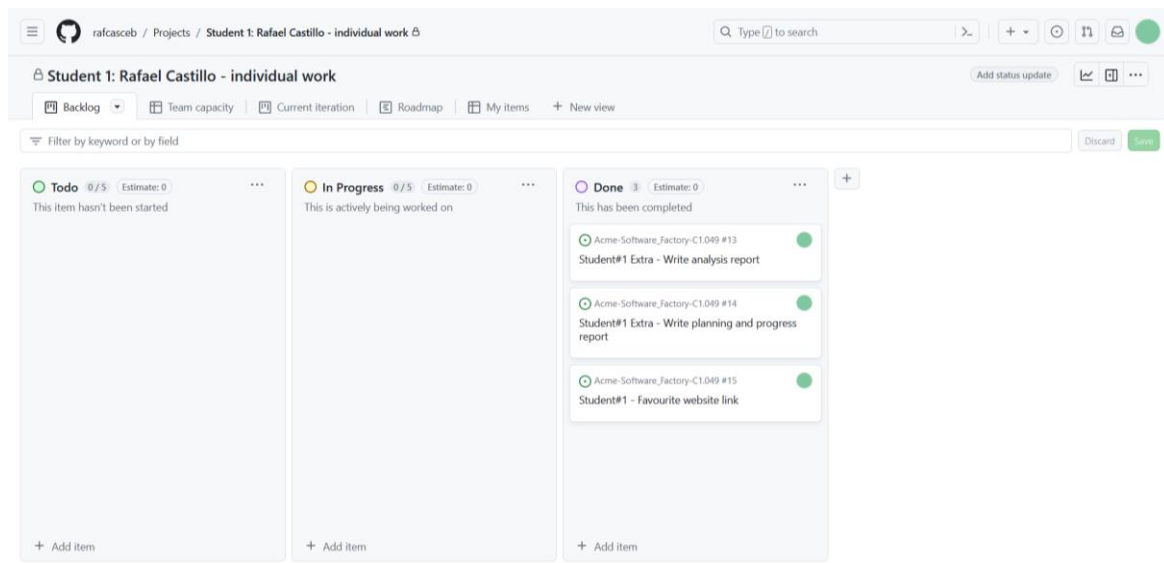
Planned budget

Role	Planned time	Personnel costs (€/h)	Total cost (€)
Manager	2 h	30	60
Analyst	45 min	30	22.50
Developer	45 min	20	15
Tester	0 h	20	0
Deployer	0 h	20	0
TOTAL			97.50

Amortization = (equipment value + residual value) / 3 years =
$$= (1300 - 0.35*1300) / 3 = 845 / 3 = 281.67 €$$
Without sale expectancy residual value would be 0 and 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 120.97 €.

Progress

Actual budget

Role	Actual time	Personnel costs (€/h)	Total cost (€)
Manager	2 h 17 min	30	68.40
Analyst	48 min	30	24.00
Developer	12 min	20	4
Tester	0	20	0
Deployer	0	20	0
TOTAL			**96.40**

Amortization = (equipment value + residual value) / 3 years =
                = (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 119.87 €.

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	2 h 17 min	+ 17 min	60	68.40	- 8.40			
Analyst	45 min	48 min	+ 2 min	22.50	24.00	- 1.50	281.67	281.67	281.67
Developer	45 min	12 min	- 43 min	15	4	+ 12.00			
Tester	0 h	0 h	+ 0 h	0	0	+0			
Deployer	0 h	0 h	+ 0 h	0	0	+0			
TOTAL			- 24 min			+ 1.10	281.67	281.67	+0

Conflicts

No real conflict has arisen in this delivery. If any, the Planning and progress report has taken more time than expected. The solution was to put the work and the hours, and in case of considering a real budget, some extra money to the company.

Progress record

Rafael Castillo Cebolla – Student #1, at 16/02/2024.
To this date, I have correctly fulfilled all my three tasks, including this one, within the assigned time, which is in two days from now. I've analysed the tasks, tracked my time, measured my cost. I believe I have done a good job playing all three involved roles.

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 = 3/3
- Number of revision tasks: 0 revision tasks.

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. The real work starts now.

Bibliography

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