

DP2 2023-2024
Planning and Progress Report

Acme Software Factory



Repository: <https://github.com/rafcasceb/Acme-SF-D01>

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Content Table

Abstract.....	3
Introduction	5
Contents.....	6
Planning.....	6
Progress.....	8
Conclusions	9
Bibliography	10

Abstract

This report details the planning and execution progress of the tasks assigned to Student 2 during the project's initial delivery phase. As Student 2, I've taken on all roles for each task as required by the project's guidelines for individual task performance. Notably, roles such as testing and deployment are not applicable during this initial phase.

Revision Table

Date	Version	Description of the changes	Deliverable
18/02/2024	V1	<ul style="list-style-type: none">• Abstract.• Introduction.• Contents section: planning and progress.• Conclusion.	1

Introduction

In this initial delivery phase, our focus is on three key tasks: one mandatory functional requirement and two optional managerial requirements. These tasks, as discussed in the accompanying analysis document, served as simple introductions to the project's environment and tools.

Planning was carried out separately for individual and group tasks using GitHub's "Projects" feature. For a comprehensive overview of all tasks undertaken in this delivery, please refer to the group planning and progress report document, as this document will only delve into individual tasks.

This document is structured into two main chapters: planning and progress. The planning chapter outlines task execution, budget estimations, and includes screenshots of delivery development. Meanwhile, the progress chapter covers progress records, conflict resolutions, and cost comparisons.

Contents

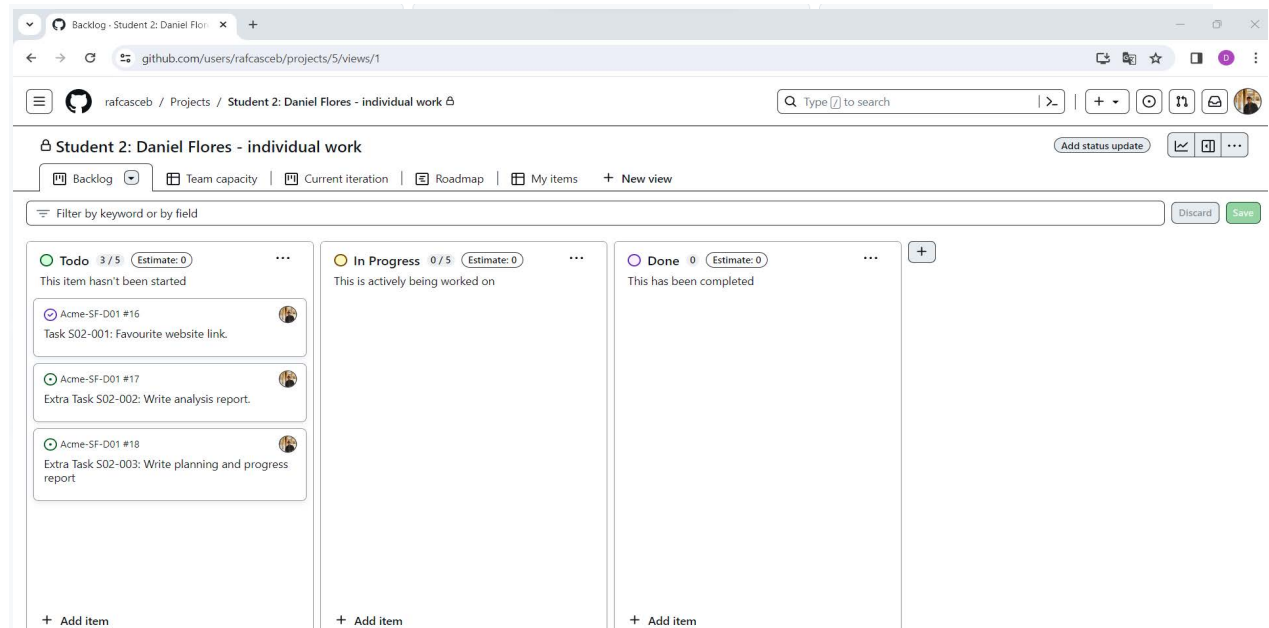
Planning

Below is the table illustrating the tasks completed to meet the individual requirements in this deliverable:

Tasks	Description	Assignees	Roles	Estimation	Actual
Task S02-001 (D01-1)	Modify the anonymous menu so that it shows an option that takes the browser to the home page of your favorite website.	Daniel Flores de Francisco	Developer	30 min.	10 min.
Task S02-002 (D01-11)	Write analysis report.		Manager	1h.	1h.
Task S02-003 (D01-12)	Write planning and progress report.		Manager	1h	1h 20 min.

The progression of task development methodology throughout this delivery can be observed in the following images. It's crucial to highlight that, as these are individual tasks, no "QA" or "Review" tasks were generated during this process. The screenshots offer insights into the evolution of task management, starting from the initial definition in the "Todo" lane and concluding with completion in the "Done" lane, showcasing adherence to the defined working methodology.

1. Initial state of the tasks:



2. Intermediate state of the tasks:

The screenshot shows a GitHub Projects board for 'Student 2: Daniel Flores - individual work'. The board is divided into three columns: 'Todo' (0/5), 'In Progress' (2/5), and 'Done' (1). The 'In Progress' column contains two tasks: 'Acme-SF-D01 #17: Extra Task S02-002: Write analysis report.' and 'Acme-SF-D01 #18: Extra Task S02-003: Write planning and progress report'. The 'Done' column contains one task: 'Acme-SF-D01 #16: Task S02-001: Favourite website link.'.

3. Final state of the tasks:

The screenshot shows the same GitHub Projects board, but in its final state. The 'In Progress' column now contains three tasks: 'Acme-SF-D01 #16: Task S02-001: Favourite website link.', 'Acme-SF-D01 #17: Extra Task S02-002: Write analysis report.', and 'Acme-SF-D01 #18: Extra Task S02-003: Write planning and progress report.'.

Below is the table summarizing the cost estimation for these tasks. The budget was calculated using the salary estimates provided in the annexes:

Role	Planned Hours	Personnel Costs (€/h)	Total (€)
Manager	2h	30	60
Developer	30 min.	20	10
Analyst	0 min.	20	0
Tester	0 min.	20	0

Operator	0 min.	20	0
Total:			70

Taking into account an equipment cost of one thousand and one hundred euros, along with the results obtained in the table above, and considering a residual value percentage of 35%, the yearly amortization cost over a three-year period can be computed using the following expression.

It will have a monthly amortization of 19,86€. Therefore the total expected costs for this deliverable will be 89,86€.

$$\text{Annual Amortization Expense} = \frac{\text{Cost of Asset} - \text{Residual Value}}{\text{Useful Life}}$$


Progress

Progress records:

In reviewing my progress on the current individual deliverable, all three tasks were completed successfully, meeting the "good" performance standard outlined in the chartering document. As these were individual tasks, review tasks weren't used to gauge performance, which leaves the quality assessment incomplete. While task completion signals progress, the absence of review tasks leaves quality assessment unresolved. Thankfully, no significant conflicts emerged during development.

Role	Actual Hours	Personnel Costs (€/h)	Total (€)
Manager	2h 20min.	30	69
Developer	10 min.	20	3,3
Analyst	0 min.	20	0
Tester	0 min.	20	0
Operator	0 min.	20	0
Total:			72,3

Hence, given that the amortization costs will remain constant due to the continued use of the same equipment as anticipated in the budget planning, the total actual costs for this deliverable will tally up to 92,16€.

The variance between the planned budget and the actual individual costs for this delivery stands at 2,3€. This variance is attributed to the additional personnel costs incurred.

Conclusions

In summary, all tasks were completed as planned, and I've gained familiarity with the framework and methodologies. Consequently, the overall time and cost estimations were fairly accurate.

Bibliography

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