DP2 2023-2024

Planning and Progress Report

Acme Software Factory

Repository: https://github.com/rafcasceb/Acme-SF-D03

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GROUP C1.049

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Content Table

Abstract

This report outlines the planning and progress of individual tasks assigned to student 2 in the third delivery of the project. As student number 2, all roles are assumed for each task, adhering to the project's requirement for individual task performance.

Revision Table

Date	Version	Description of the changes	Deliverable
25/04/2024	V1	• Abstract. • Introduction. • Contents section: planning and progress. • Conclusion.	3

Introduction

In this third delivery phase, our focus is on meeting a set of obligatory and supplementary criteria. The obligatory segment comprises three functional requirements, while the supplementary scope includes three additional functional requirements and three managerial requirements.

The planning using GitHub's "Projects" feature was separately organized for individual and group tasks. To review all tasks undertaken in this delivery, refer to the group planning and progress report document for a comprehensive overview, as this document will only detail individual tasks.

This document’s content section comprises two chapters: planning and progress. The planning chapter details task execution, budget estimations, and screenshots of delivery development. The progress chapter includes progress records, conflict resolutions, and cost comparisons.

Contents

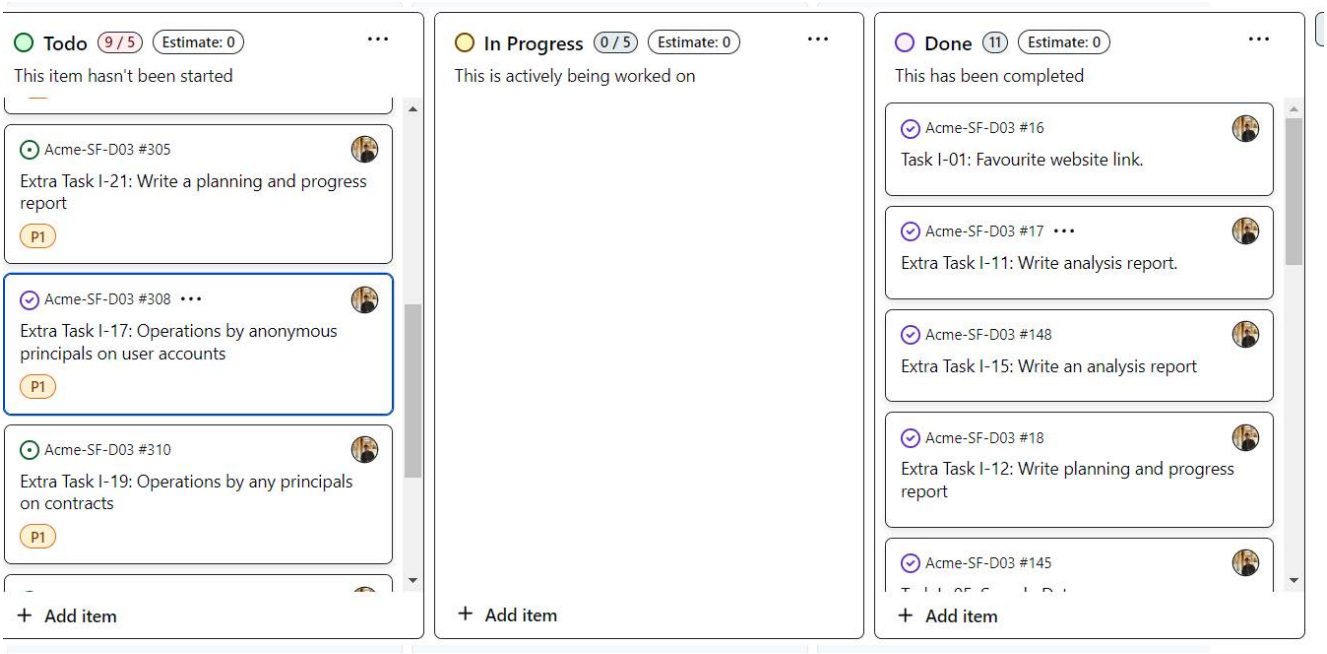
Planning

The following table represents the tasks that have been completed to fulfill the individual requirements in this deliverable:

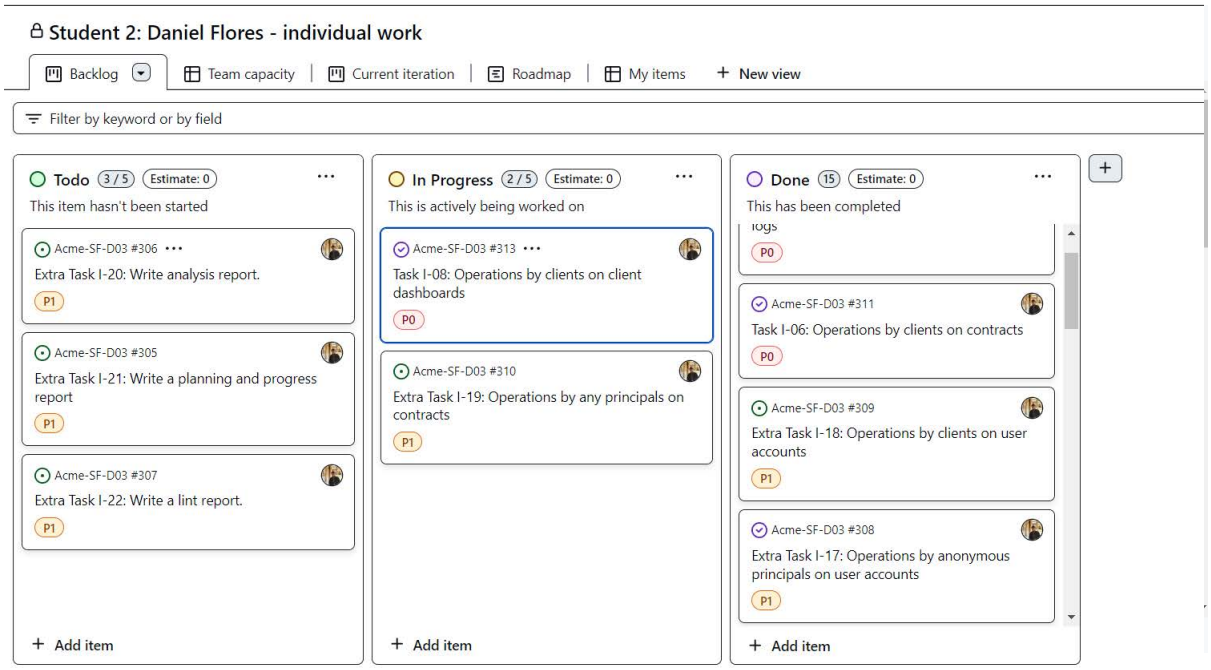
Tasks	Description	Assignees	Roles	Estimation	Actual
Task S02-06	Operations by clients on contracts.	Daniel Flores de Francisco	Developer	2 h	4 h
Task S02-07	Operations by clients on progress logs		Developer	2 h	3 h
Task S02-08	Operations by clients on client dashboards		Developer	2 h	2 h
Task S02-17	Operations by anonymous principals on user accounts		Developer	1 h	2 h
Task S02-18	Operations by clients on user accounts.		Developer	1 h 20 min	1 h
Task S02-19	Operations by any principals on contracts.		Developer	1 h	1 h 30 min
Task S02-20	Produce an analysis report.		Analyst	1 h	1 h 30 min
Task S02-21	Produce a planning and progress report.		Manager	1 h	1 h 30 min
Task S02-22	Produce a lint report.		Developer	1 h	1 h

By examining the following images, we can track the evolution of task development methodology during this delivery. It's crucial to highlight that, since these are individual tasks, no "QA" or "Review" tasks were generated throughout this process. The screenshots offer valuable insights into the progression of task management, starting from initial definition in the "Todo" lane and culminating in completion within the "Done" lane, demonstrating adherence to the established working methodology.

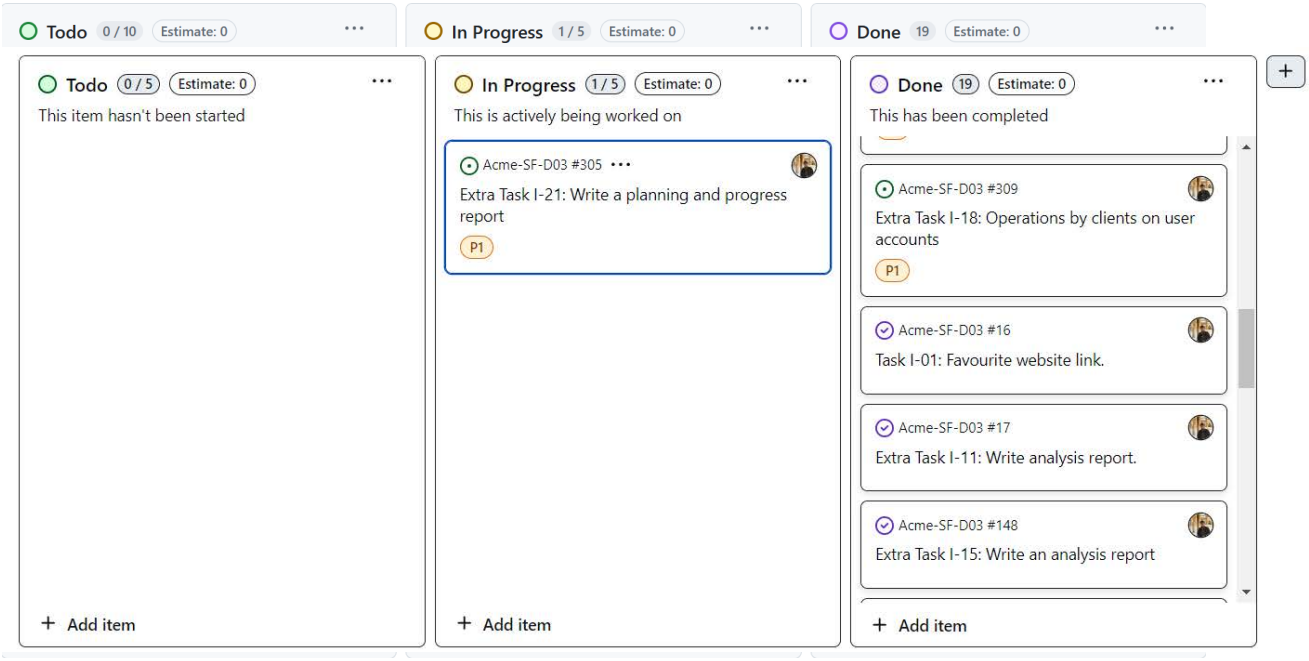
1. Initial state of the tasks:



2. Intermediate state of the tasks:



3. Final state of the tasks:



The following table summarizes the cost estimation for these tasks. The budget was computed using the salary estimates provided in the annexes:

Role	Planned Hours	Personnel Costs (€/h)	Total (€)
Manager	1h.	30	30,0
Developer	10h 20min.	20	206,6
Analyst	1h.	20	20,0
Tester	0h.	20	0,0
Total:			**256,6**

Considering an equipment cost of one thousand and one hundred euros and the results obtained in the table above, as well as a residual value percentage of 35% we can determine that, over a period of three years, the yearly amortization cost can be computed with the following expression:

$$Amortization = \frac{Initial\ Value - Residual\ Value}{Useful\ Life}$$

It will have a monthly amortization of €19,86. Therefore the total expected costs for this deliverable will be €276,46.

Progress

Progress records: In assessing my progress for the current individual deliverable, which consisted of individual tasks, all eight tasks were successfully completed, showcasing a “good” performance percentage per the chartering document standards:

$$Performance = \frac{8}{9} * 100 = 88\%$$

Since the tasks were tackled individually, assessing performance through review tasks, typically geared towards group-related matters, isn't applicable. However, the absence of review tasks poses a challenge in evaluating the work's quality comprehensively. While task completion signifies progress, the omission of review tasks leaves the quality assessment incomplete.

No notable conflicts arose during the development of this deliverable.

Finally, the table below presents the budget, taking into account the actual time invested in each of the tasks outlined in the planning section:

Role	Actual Hours	Personnel Costs (€/h)	Total (€)
Manager	1h 30min.	30	45,0
Developer	12h 30min.	20	250,0
Analyst	1h 30min.	20	30,0

Tester	0h.	20	0,0
Total:			**325,0**

Thus, as the amortization costs will remain constant due to the same equipment being used as in the expected budget planning, the total actual costs for this deliverable will amount to €344,86.

The variance between the planned budget and the actual individual costs for this delivery amounts to €68,4. This difference is due to the incorrect estimation of several tasks.

Conclusions

In summary, this document has outlined the planning and progression of individual tasks within the project's third delivery phase. It's noteworthy that all tasks were completed a week before the due date, allowing the team ample time for comprehensive evaluations during subsequent follow-ups.

Bibliography

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