DP2 2023-2024

Planning and Progress Report

Acme Software Factory

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

Student #5:

- Vento Conesa, Adriana adrvencon@alum.us.es

Other members:

- Castillo Cebolla, Rafael rafcasceb@alum.us.es
- Flores de Francisco, Daniel danflode@alum.us.es
- Heras Pérez, Raúl rauherper@alum.us.es
- Mellado Díaz, Luis luimeldia@alum.us.es

GROUP C1.049

Version 1.0

25-05-24

Content Table

Abstract

This report outlines the planning and progress of individual tasks assigned to student 5 in the fourth delivery of the project. As student number 5, 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
25/05/2024	V1	• Abstract. • Introduction. • Contents section: planning and progress. • Conclusion.	4

Introduction

In this fourth phase of delivery, our focus is on meeting a set of obligatory and supplementary criteria. The obligatory segment comprises one testing requirement and one managerial requirement, while the supplementary scope includes two additional 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

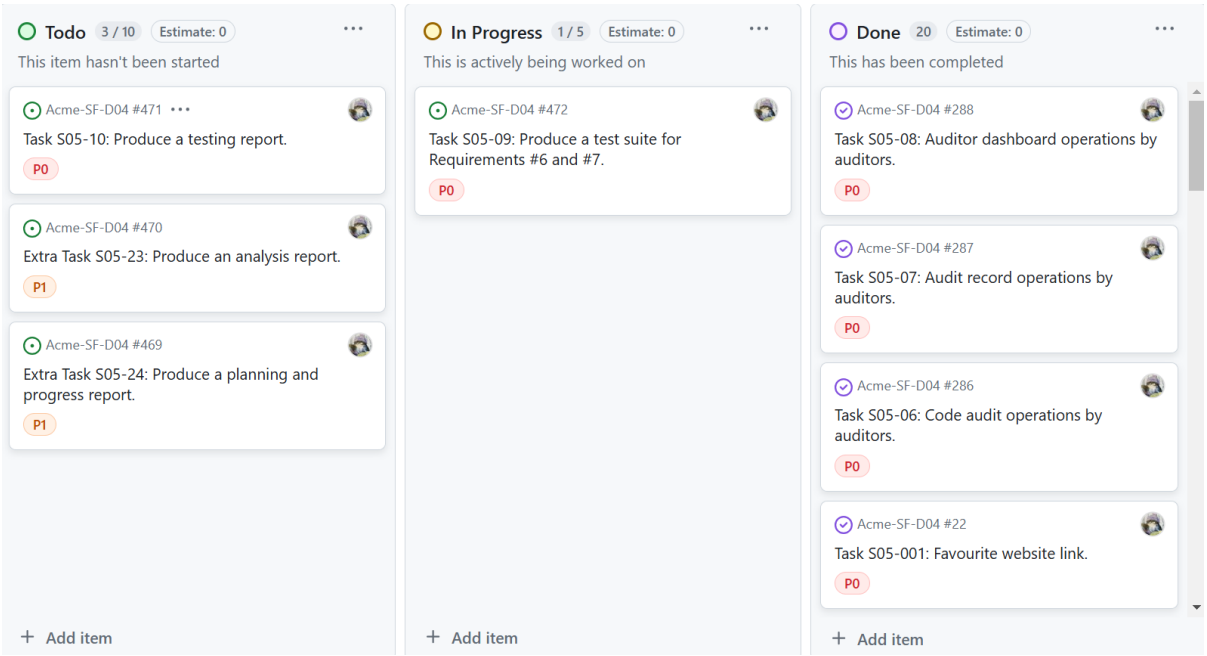
Planning

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

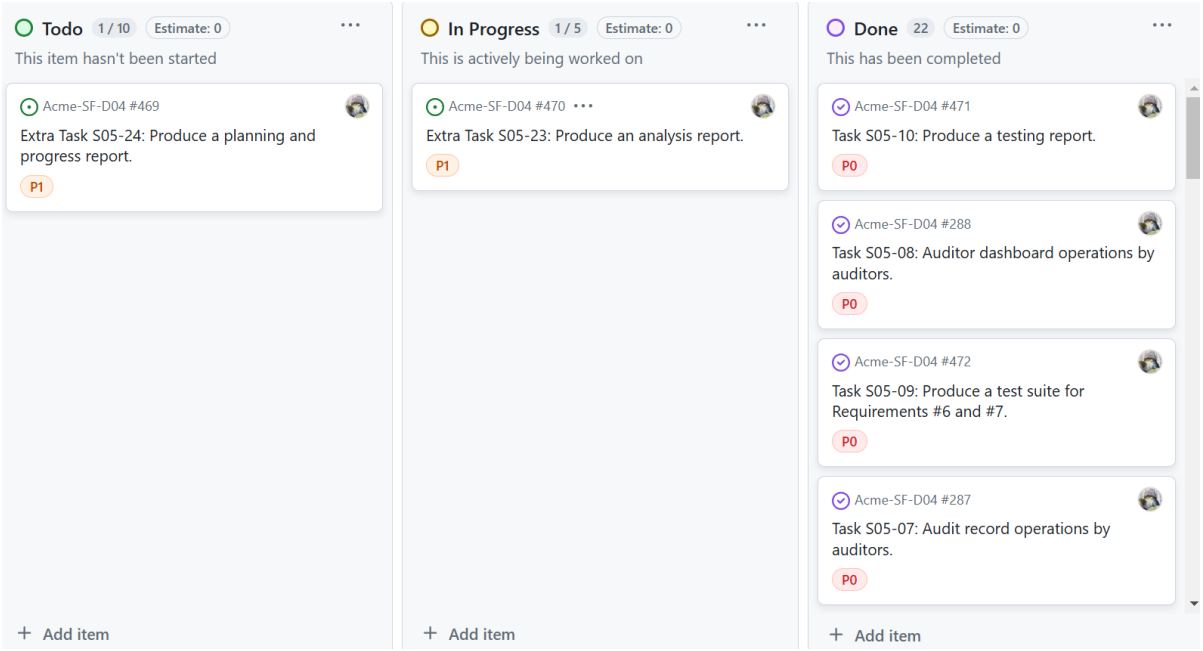
Tasks	Description	Assignees	Roles	Estimation	Actual
Task S05-06	Produce a test suite for Requirements #6 and #7.	Adriana Vento Conesa	Tester	5 h	8 h
Task S05-07	Produce a testing report.		Tester	2 h	3 h
Task S05-23	Produce an analysis report.		Analyst	15 min	15 min
Task S05-24	Produce a planning and progress report.		Manager	1 h	1 h

Through the following images, we can observe the progress of task development methodology throughout this delivery. It's important to note that, as these are individual tasks, no "QA" or "Review" tasks were created during this process. The screenshots provide insights into the evolution of task management, from initial definition in the "Todo" lane to completion in the "Done" lane, reflecting the adherence to the defined working methodology.

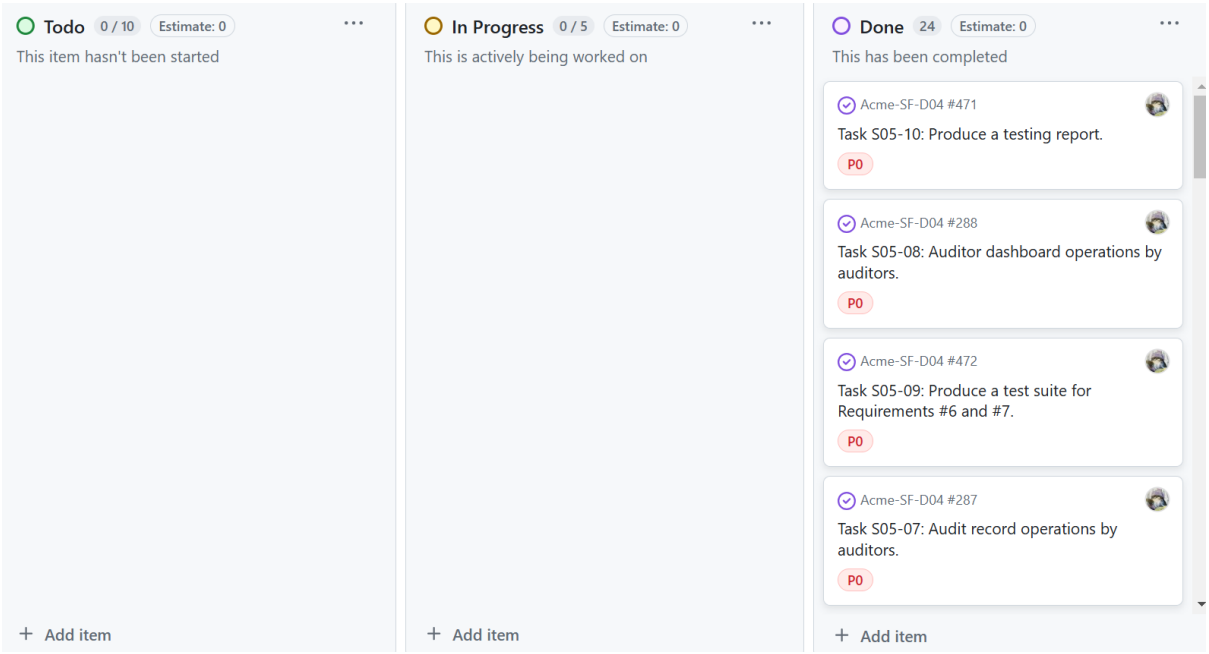
1. Initial state of the tasks:



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	1 h	30	30,0
Developer	0 h	20	0,0
Analyst	15 min	20	5,0
Tester	7 h	20	140,0
Total:			**175,0**

Considering an equipment cost of one thousand 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:

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

The yearly amortization will come to a total of €216,6. It will have a monthly amortization of €18,0. Therefore the total expected costs for this deliverable will be €193,0.

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:

$$Performance = \frac{4}{4} * 100 = 100\%$$

Because the tasks were completed individually, evaluating my performance based on review tasks, which are designed for group-oriented issues, is not suitable. However, the absence of review tasks makes it impossible to assess the quality of the work completed. While the completion of tasks indicates progress, the lack of review tasks renders the quality assessment incomplete.

No notable conflicts arose during the development of this deliverable.

Lastly, the following table showcases the budget considering the real time spent on each of the tasks detailed in the planning section:

Role	Actual Hours	Personnel Costs (€/h)	Total (€)
Manager	1 h	30	30,0
Developer	0 h	20	0,0
Analyst	15 min	20	5,0

Tester	11 h	20	220,0
Total:			**255,0**

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 €273,0.

The variance between the planned budget and the actual individual costs for this delivery amounts to €80,0. The difference comes from not estimating tasks correctly, mostly because the testing suite needed redoing multiple times.

Conclusions

In summary, this document has delineated the planning and advancement of individual tasks within the project's fourth delivery phase. Notably, all tasks were finalized two days ahead of the deliverable's due date, which didn’t allow much margin for error. However, the main obligatory tasks were done a week before the due date, and only the managerial extra requirements remained for the last few days of the delivery period.

Bibliography

Intentionally blank.