DP2 2023-2024
Planning and Progress Report

Acme Software Factory

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GROUP C1.049

Version 1.0

22-04-24

Content Table

Abstract

This report outlines the planning and progress of individual tasks assigned to student 5 in the third 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
22/04/2024	V1	• Abstract. • Introduction. • Contents section: planning and progress. • Conclusion.	3

Revision Table

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.
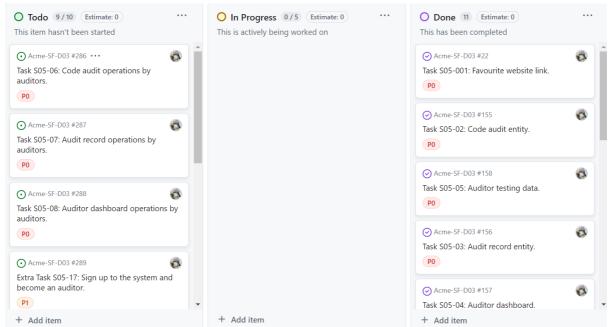
Contents

Planning

The following table represents the tasks that have been completed to fulfill the individual requirements in this deliverable:
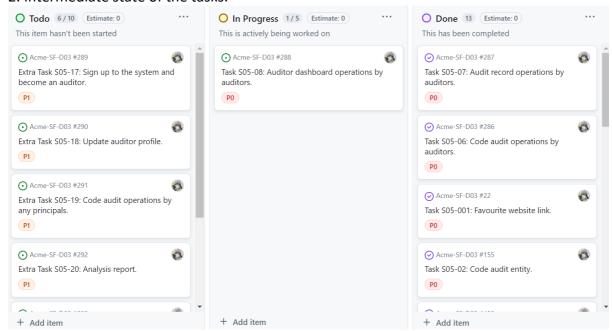
Tasks	Description	Assignees	Roles	Estimation	Actual
Task S05-06	Operations by auditors on code audits.		Developer	2 h	3 h
Task S05-07	Operations by auditors on audit records		Developer	2 h	2 h
Task S05-08	Operations by auditors on auditor dashboards		Developer	2 h	3 h
Task S05-17	Operations by anonymous principals on user accounts		Developer	1 h	30 min
Task S05-18	Operations by auditors on user accounts.	Adriana Vento Conesa	Developer	1 h 20 min	1 h 30 min
Task S05-19	Operations by any principals on code audits.		Developer	1 h	1 h 30 min
Task S05-20	Produce an analysis report.		Analyst	1 h	1 h 10 min
Task S05-21	Produce a planning and progress report.		Manager	1 h	1 h
Task S05-22	Produce a lint report.		Developer	1 h	55 min

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.
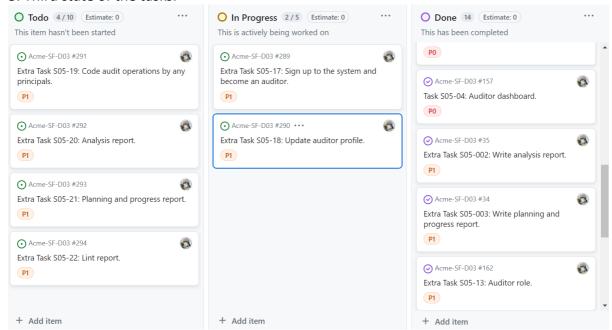
1. Initial state of the tasks:

Todo 9 / 10 Estimate: 0 ···
This item hasn't been started

- Acme-SF-D03 #286 ···
  Task S05-06: Code audit operations by auditors.
  P0

- Acme-SF-D03 #287
  Task S05-07: Audit record operations by auditors.
  P0

- Acme-SF-D03 #288
  Task S05-08: Auditor dashboard operations by auditors.
  P0

- Acme-SF-D03 #289
  Extra Task S05-17: Sign up to the system and become an auditor.
  P1

+ Add item

In Progress 0 / 5 Estimate: 0 ···
This is actively being worked on

+ Add item

Done 11 Estimate: 0 ···
This has been completed

- Acme-SF-D03 #22
  Task S05-001: Favourite website link.
  P0

- Acme-SF-D03 #155
  Task S05-02: Code audit entity.
  P0

- Acme-SF-D03 #158
  Task S05-05: Auditor testing data.
  P0

- Acme-SF-D03 #156
  Task S05-03: Audit record entity.
  P0

- Acme-SF-D03 #157
  Task S05-04: Auditor dashboard.

+ Add item

2. Intermediate state of the tasks:

Todo 6 / 10 Estimate: 0 ···
This item hasn't been started

- Acme-SF-D03 #289
  Extra Task S05-17: Sign up to the system and become an auditor.
  P1

- Acme-SF-D03 #290
  Extra Task S05-18: Update auditor profile.
  P1

- Acme-SF-D03 #291
  Extra Task S05-19: Code audit operations by any principals.
  P1

- Acme-SF-D03 #292
  Extra Task S05-20: Analysis report.
  P1

+ Add item

In Progress 1 / 5 Estimate: 0 ···
This is actively being worked on

- Acme-SF-D03 #288
  Task S05-08: Auditor dashboard operations by auditors.
  P0

+ Add item

Done 13 Estimate: 0 ···
This has been completed

- Acme-SF-D03 #287
  Task S05-07: Audit record operations by auditors.
  P0

- Acme-SF-D03 #286
  Task S05-06: Code audit operations by auditors.
  P0

- Acme-SF-D03 #22
  Task S05-001: Favourite website link.
  P0

- Acme-SF-D03 #155
  Task S05-02: Code audit entity.
  P0

+ Add item

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3. Third state of the tasks:

Todo 4 / 10 · Estimate: 0 · · ·
This item hasn't been started

○ Acme-SF-D03 #291
Extra Task S05-19: Code audit operations by any principals.
P1

○ Acme-SF-D03 #292
Extra Task S05-20: Analysis report.
P1

○ Acme-SF-D03 #293
Extra Task S05-21: Planning and progress report.
P1

○ Acme-SF-D03 #294
Extra Task S05-22: Lint report.
P1

+ Add item

In Progress 2 / 5 · Estimate: 0 · · ·
This is actively being worked on

○ Acme-SF-D03 #289
Extra Task S05-17: Sign up to the system and become an auditor.
P1

○ Acme-SF-D03 #290 · · ·
Extra Task S05-18: Update auditor profile.
P1

+ Add item

Done 14 · Estimate: 0 · · ·
This has been completed

P0

⊘ Acme-SF-D03 #157
Task S05-04: Auditor dashboard.
P0

⊘ Acme-SF-D03 #35
Extra Task S05-002: Write analysis report.
P1

⊘ Acme-SF-D03 #34
Extra Task S05-003: Write planning and progress report.
P1

⊘ Acme-SF-D03 #162
Extra Task S05-13: Auditor role.
P1

+ Add item

4. Final state of the tasks:

Todo 0 / 10 · Estimate: 0 · · ·
This item hasn't been started

+ Add item

In Progress 1 / 5 · Estimate: 0 · · ·
This is actively being worked on

○ Acme-SF-D03 #293
Extra Task S05-21: Planning and progress report.
P1

+ Add item

Done 19 · Estimate: 0 · · ·
This has been completed

⊘ Acme-SF-D03 #288
Task S05-08: Auditor dashboard operations by auditors.
P0

⊘ Acme-SF-D03 #287
Task S05-07: Audit record operations by auditors.
P0

⊘ Acme-SF-D03 #286
Task S05-06: Code audit operations by auditors.
P0

⊘ Acme-SF-D03 #22
Task S05-001: Favourite website link.
P0

+ Add item

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 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 €274,6.

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:

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

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	1h.	30	30,0
Developer	12h 25min.	20	248,3
Analyst	1h 10min.	20	23,3

Tester	0h.	20	0,0
Total:			**301,6**

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 €319,6.

The variance between the planned budget and the actual individual costs for this delivery amounts to €45,0. This difference is due to the incorrect estimation of several tasks.

Conclusions

In summary, this document has delineated the planning and advancement of individual tasks within the project's third delivery phase. Notably, all tasks were finalized a week ahead of the deliverable's due date, enabling the team to conduct thorough evaluations during subsequent follow-ups.

Bibliography

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