



9 DE MARZO DE 2024

PLANNING AND PROGRESS REPORT STUDENT#1

GROUP C-1.047



ACME Software
Factory

Acme SF, Inc.

Repository link: <https://github.com/Cargarmar18/Acme-SF>

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1. Executive summary

This planning and progress report comprises a planning section and a progress section for Student#1. The planning section details the tasks undertaken to meet the requirements of deliverable D02, supplemented with relevant information and screenshots illustrating the evolution of task workflows. Additionally, an estimated budget for these tasks is provided. The progress section outlines progress records with additional details, succinctly describes any conflicts encountered, and concludes with a comparison of the estimated and actual costs incurred.

2. Revision table

Revision number	Date	Description
1.0.0	09/03/2024	Creation of document

3. Introduction

Structured meticulously, the document commences with a cover page detailing essential information including title, project repository, group number, author(s) with corporate email addresses, and date. Following this, a table of contents, executive summary, and introduction provide a comprehensive overview before delving into the core content.

The initial chapter meticulously catalogues the tasks undertaken to meet the criteria outlined in deliverable D02. Each task is accompanied by pertinent details, such as estimated versus actual time spent, enabling an in-depth examination of cost variations over time and across roles. Additionally, illustrative screenshots captured throughout the development offer visual insights into task management and fluctuations.

In contrast, the subsequent chapter shifts focus to the progression reports, highlighting key insights gleaned from each. These reports evaluate performance against the charter's defined

guidelines, offering insights into conflicts encountered and their resolutions. Concluding this chapter is a comparative analysis between estimated and actual costs incurred upon completion of the deliverable.

The planning and progress report comprises two distinct chapters, each dedicated to analyzing task planning and execution for the D02 version of the project undertaken by Student#1. The document culminates with a concise conclusion summarizing the presented findings, complemented by a relevant bibliography. This structured approach, delineated and exemplified, is detailed in the accompanying "Annexes" document.

4. Contents

4.1 Planning chapter

The following table shows an analysis of my work and effort during the Acme-SF-D02 deliverable.

Task	Description	Role	Estimated time	Real time
Task 001	Claim data model	Developer	60 minutes	30 minutes
Task 004	Notice data model	Developer	60 minutes	20 minutes
Task 008	System and accepted currencies	Developer	20 minutes	30 minutes
Task 011	Planning and progress report	Analyst and manager	180 minutes	162 minutes
Task 013	Student#1: project data model	Developer	60 minutes	30 minutes
Task 014	Student #1: user stories data model	Developer	60 minutes	40 minutes
Task 015	Student #1: manager dashboards	Developer	60 minutes	15 minutes
Task 016	Student #1: assorted sample data manager	Developer	150 minutes	150 minutes
Task 017	Student#1: Manager data model	Developer	10 minutes	5 minutes
Task 018	Student#1: UML domain model	Analyst	40 minutes	70 minutes
Task 019	Student#1: Analysis report	Analyst	60 minutes	60 minutes
Task 020	Student#1: Planning and progress report	Analyst	120 minutes	60 minutes
Task 038	Assorted sample data	Developer	120 minutes	90 minutes
Task 003/T1	Informal testing	Tester	5 minutes	5 minutes
Task 003/T2	Informal testing	Tester	5 minutes	5 minutes
Task 005/T1	Informal testing	Tester	5 minutes	5 minutes
Task 006/T1	Informal testing	Tester	5 minutes	10 minutes
Task 007/T1	Informal testing	Tester	5 minutes	10 minutes
Task 023/T1	Informal testing	Tester	5 minutes	5 minutes

Task 024/T1	Informal testing	Tester	5 minutes	5 minutes
Task 025/T1	Informal testing	Tester	5 minutes	5 minutes
Task 029/T1	Informal testing	Tester	5 minutes	5 minutes
Task 037/T1	Informal testing	Tester	5 minutes	10 minutes
Task 001/R1	Claim review	Developer	5 minutes	10 minutes

Some screenshots of different moments from along the delivery development can be found below.

It is emphasized that the kanban method provided and suggested in the subject has been followed, with a column for tasks to be done (To do), a column for the tasks that are being carried out (In progress), and a column for the tasks finished (Done). It also has the small alteration, decided unanimously by the team, of adding a column of tasks under review (Reviewing), with the intention of not overlooking the review of any of the tasks to be carried out, and without ceasing to follow the methodology of the subject. In the same way, if the review of a task found in the "Reviewing" column finds an error, the task is taken to the "Done" column respectively, and the corresponding review task is created, as proposed in the subject guidelines. This summarizes that the addition of the is not intended to alter the methodology but is intended to complement it to avoid possible conflicts.

The tool used to achieve the correct documentation and tracing of the tasks was Trello, which provides several helpful features, as well as a friendly interface. The decision on the use of this tool was also taken unanimously by the team.

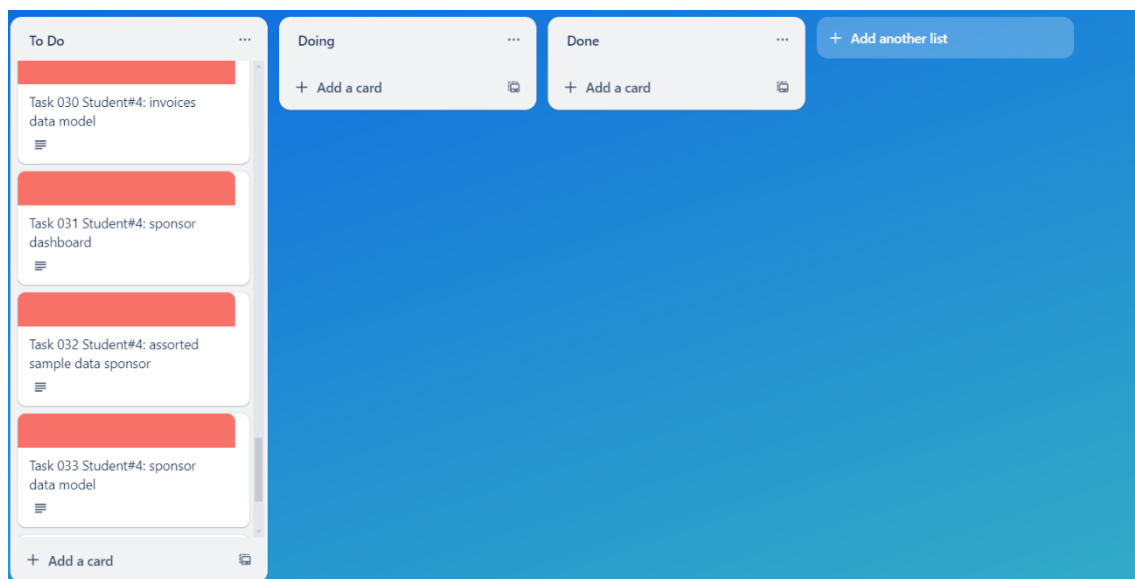


Figure 1: Beginning of planning and development.

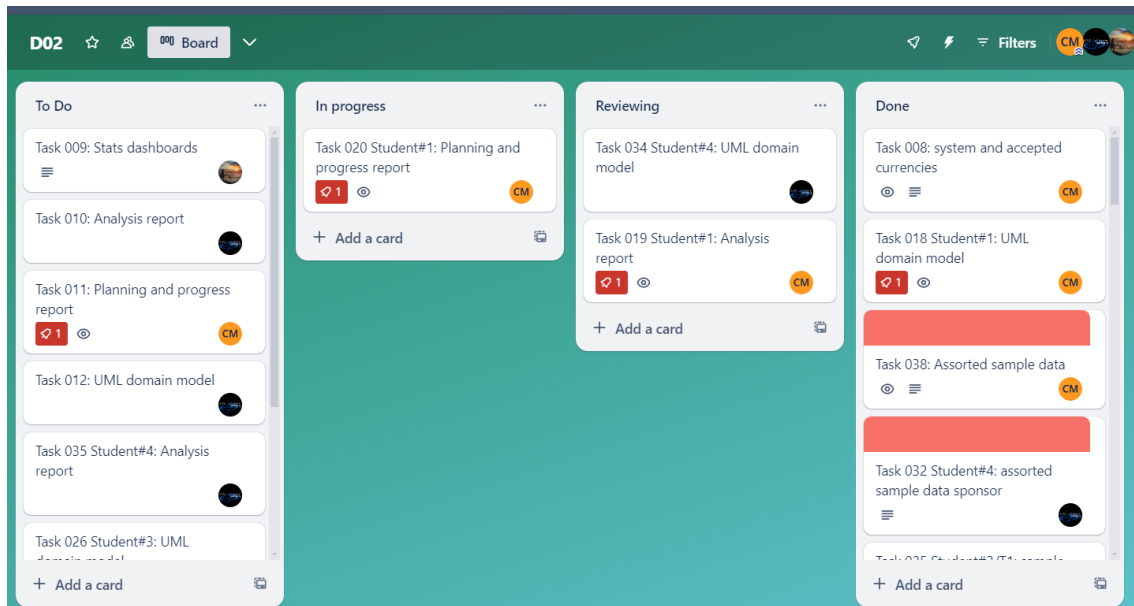


Figure 2 During development.

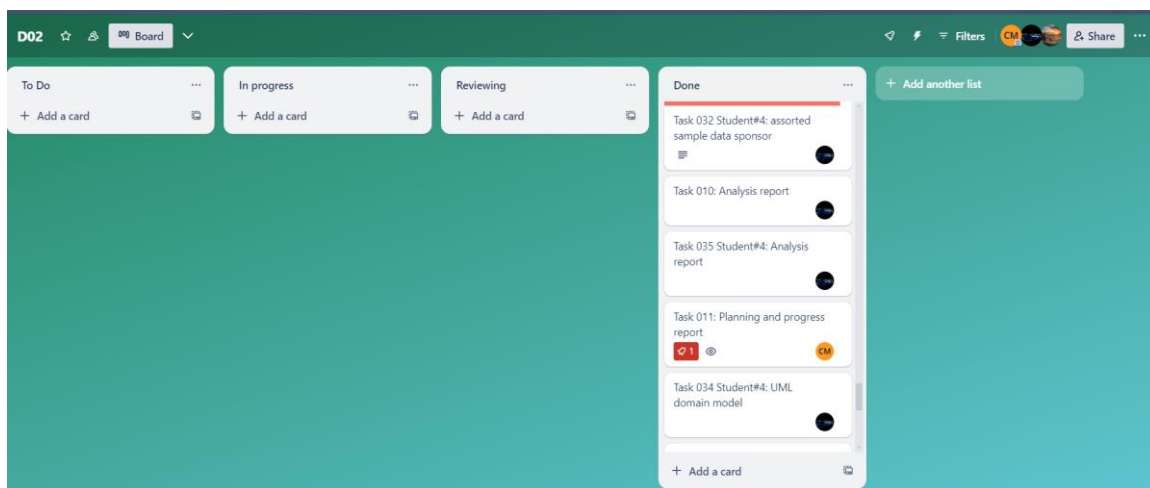


Figure 3 End of deliverable.

Now regarding the estimated time and cost, we would consider the approximations done in the table of estimated time. Providing the fact that an analyst and a manager get paid around 30 euros/hour, I have gotten a total estimation of 400 minutes as an analyst or manager, which makes a total of 6 hours and a half. Now, regarding the other roles, they obtain an approximate outcome of 20 euros/hour, while the estimation here is of 655 minutes (almost 11 hours), that makes a total of **418 euros approximated personal budget** in this deliverable.

Now regarding the amortizations, let us establish the initial cost of the equipment (laptop, mouse...) as 740 euros. The residual value remaining after the 3 years of recommended development would be around 230. This guarantees, subtracting to the initial cost the residual value over the lifetime of the cycle, a value of **170 euros annual amortization**. Now the amortization must be divided over the 12 months of the year to get the **monthly amortization**, in this case, **14 euros**.

Thus, giving a **total cost estimation**, with the addition of the approximation and the monthly amortization, of **432 euros**.

4.2 Progress chapter

The progress report of the Student #1 is as shown in the following progress record.

Surname, name	Group tasks	Individual tasks	Testing tasks	Revision tasks generated	Overall performance
García Martínez, Carlos	5/5	8/8	10/10	1	99% (great)

An overall satisfactory development of each member in this deliverable, but also an individual effort and efficient development. In addition, it's necessary to highlight the absence of any kind of conflict during the development of this first deliverable.

Lastly, regarding the comparisons between the estimated value and real value. The invested minutes as either manager or analyst were 442 and 485 minutes as other kind of role, an outcome of **382 euros as real budget**. With this information we can estimate a good approximation to the purposed original budget. Including the amortization, the deliverable adds to a **total individual budget** value of **396 euros**.

1 Conclusions

To summarize comprehensively, our analysis confirms that the budget approximation was remarkably precise, aligning closely with our projections. Furthermore, our execution of tasks demonstrated exceptional efficiency, characterized by seamless progress and a notable absence of conflicts or obstacles.

2 Bibliography

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