



11 DE MARZO DE 2023

PLANNING AND PROGRESS REPORT

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

The document encompasses a comprehensive planning and progress report for the deliverable of Acme-SF-D02.

Planning Chapter:

- Provides a detailed task listing, including titles, descriptions, assignees, planned and actual times.
- Includes screenshots illustrating key development stages adhering to the prescribed methodology.
- Presents a budget breakdown with estimated costs for tasks, including hourly rates and amortization over three years.

Progress Chapter:

- Records individual progress within the workgroup, indicating performance indicator values and associated rewards or admonishments.
- Describes conflict resolution strategies employed during the project.
- Compares estimated versus actual costs incurred upon project completion, detailing hours, personnel costs, and amortization.

2. Revision table

Revision number	Date	Description
1.0.0	11/02/2024	Elaboration of document

3. Introduction

The planning and project report shows an overview of the effort and work carried out by the group during the creation of a deliverable. This document not only delineates the milestones achieved but also elucidates the challenges encountered.

On one hand, the deliverable encapsulates the instantiation and modification of the starter project in addition to many reports that were developed by the team thus completing the first deliverable of Acme-SF-D02 to the client.

On the other hand, we included and kept track of the issues we encountered during the development of this evolution. Even though, they were null in these ampliation, the errors will be covered along every progress report.

In addition, the document delves into the planning phase of the deliverable, utilizing the designated tool (Trello, accessible at <https://trello.com/b/YSplx5YG/d01>). Furthermore, it includes graphical representations illustrating the evolution of the planning process throughout the deliverable's development.

This progress and planning report is crafted in accordance with the annex specifications. It begins with a cover page detailing the author's report credentials. Following this, a version table is provided, outlining document modifications by number, accompanied by their respective dates, along with brief descriptions of the additions. Subsequently, an executive summary is presented, encapsulating the relevant information outlined in the annex. Finally, this introduction serves as a precursor to the detailed contents as specified earlier.

4. Contents

4.1 Planning chapter

The following table show the information related to each task and its estimated time as well as its respective real time in addition to the assignee and their role with respect to the task assigned.

Task	Description	Assignee	Role	Estimated time	Real time
Task 001	Claim data model	Carlos García	Developer	60 minutes	32 minutes
Task 002	Objective data model	María C. Rodríguez	Main developer	50 minutes	61 minutes
Task 003	Risk data model	Manuel Castillejo	Developer	60 minutes	50 minutes
Task 004	Notice data model	Carlos García	Main developer	60 minutes	22 minutes
Task 005	Banner data model	Manuel Castillejo	Developer	60 minutes	50 minutes
Task 006	Initial data to start project	María C. Rodríguez	Main developer	60 minutes	57 minutes
Task 007	Assorted sample data	María C. Rodríguez	Main developer	120 minutes	112 minutes
Task 008	System and accepted currencies	Carlos García	Developer	20 minutes	26 minutes
Task 009	Stats dashboards	María C. Rodríguez	Main developer	30 minutes	18 minutes

Task 010	Analysis report	Manuel Castillejo	Main analyst	120 minutes	130 minutes
Task 011	Planning and progress report	Carlos García	Manager and analyst	180 minutes	162 minutes
Task 012	UML domain model	Manuel Castillejo	Main analyst	100 minutes	90 minutes
Task 013	Student #1: project data model	Carlos García	Developer	60 minutes	30 minutes
Task 014	Student #1: user stories data model	Carlos García	Developer	60 minutes	43 minutes
Task 015	Student #1: manager dashboards	Carlos García	Developer	60 minutes	12 minutes
Task 016	Student #1: assorted sample data manager	Carlos García	Developer	150 minutes	157 minutes
Task 017	Student #1: manager data model	Carlos García	Developer	10 minutes	5 minutes
Task 018	Student #1: UML domain model	Carlos García	Analyst	40 minutes	74 minutes
Task 019	Student #1: analysis report	Carlos García	Analyst	60 minutes	57 minutes
Task 020	Student #1: planning and progress report	Carlos García	Analyst	120 minutes	59 minutes
Task 021	Student #3: training module data model	María C. Rodríguez	Main developer	30 minutes	18 minutes
Task 022	Student #3: training sessions data model	María C. Rodríguez	Main developer	60 minutes	52 minutes
Task 023	Student #3: developer dashboards	María C. Rodríguez	Main developer	60 minutes	46 minutes
Task 024	Student #3: assorted sample data developer	María C. Rodríguez	Main developer	40 minutes	36 minutes
Task 025	Student #3: developer data model	María C. Rodríguez	Main developer	200 minutes	247 minutes
Task 026	Student #3: UML domain model	María C. Rodríguez	Analyst	90 minutes	59 minutes

Task 027	Student #3: Analysis report	María C. Rodríguez	Analyst	150 minutes	176 minutes
Task 028	Student #3: Planning and progress report	María C. Rodríguez	Analyst	150 minutes	72 minutes
Task 029	Student #4: sponsorship data model review	Manuel Castillejo	Developer	60 minutes	40 minutes
Task 030	Student #4: invoices data model	Manuel Castillejo	Developer	60 minutes	40 minutes
Task 031	Student #4: sponsor dashboards	Manuel Castillejo	Developer	50 minutes	25 minutes
Task 032	Student #4: assorted sample data sponsor	Manuel Castillejo	Developer	180 minutes	160 minutes
Task 033	Student #4: sponsor data model	Manuel Castillejo	Developer	10 minutes	5 minutes
Task 034	Student #4: UML domain model	Manuel Castillejo	Main analyst	50 minutes	40 minutes
Task 035	Student #4: analysis report	Manuel Castillejo	Main analyst	70 minutes	60 minutes
Task 036	Student #4: planning and progress report	Manuel Castillejo	Main analyst	100 minutes	80 minutes
Task 037	Assorted sample data	Manuel Castillejo	Developer		
Task 038	Assorted sample data	Carlos García	Developer	120 minutes	53 minutes
Task 001/T1	Informal testing	Manuel Castillejo	Tester	5 minutes	5 minutes
Task 002/T1	Informal testing	María C. Rodríguez	Main tester	10 minutes	7 minutes
Task 003/T1	Informal testing	Carlos García	Tester	5 minutes	5 minutes
Task 003/T2	Informal testing	Carlos García	Tester	5 minutes	4 minutes
Task 005/T1	Informal testing	Carlos García	Tester	5 minutes	3 minutes
Task 006/T1	Informal testing	Carlos García	Tester	5 minutes	13 minutes
Task 007/T1	Informal testing	Carlos García	Tester	5 minutes	11 minutes
Task 008/T1	Informal testing	María C. Rodríguez	Main tester	5 minutes	4 minutes

Task 009/T1	Informal testing	María C. Rodríguez	Main tester	5 minutes	3 minutes
Task 013/T1	Informal testing	María C. Rodríguez	Main tester	5 minutes	2 minutes
Task 014/T1	Informal testing	María C. Rodríguez	Main tester	10 minutes	6 minutes
Task 015/T1	Informal testing	María C. Rodríguez	Main tester	5 minutes	5 minutes
Task 021/T1	Informal testing	María C. Rodríguez	Main tester	5 minutes	4 minutes
Task 022/T1	Informal testing	María C. Rodríguez	Main tester	5 minutes	4 minutes
Task 023/T1	Informal testing	Carlos García	Tester	5 minutes	5 minutes
Task 024/T1	Informal testing	Carlos García	Tester	5 minutes	5 minutes
Task 025/T1	Informal testing	Carlos García	Tester	5 minutes	4 minutes
Task 029/T1	Informal testing	Carlos García	Tester	5 minutes	5 minutes
Task 037/T1	Informal testing	Carlos García	Tester	5 minutes	11 minutes
Task 038/T1	Informal testing	María C. Rodríguez	Main tester	5 minutes	4 minutes
Task 001/R1	Claim review	Carlos García	Developer	5 minutes	10 minutes
Task 001/R2	Claim review	Carlos García	Developer	5 minutes	10 minutes
Task 002/R1	Objective review	María C. Rodríguez	Main developer	15 minutes	14 minutes
Task 003/R1	Risk review	Manuel Castillejo	Developer	10 minutes	10 minutes
Task 005/R1	Banner data model review	Manuel Castillejo	Developer	5 minutes	5 minutes
Task 037/R1	Sponsorship data model review	Manuel Castillejo	Developer	30 minutes	20 minutes

With this data and taking into account that a manager or analyst gets an income of 30 euros/hour and the rest of the roles 20 euros/hour, we can estimate a project budget of over **1270 euros**, regarding the first deliverable. Providing that the first version is an approximation of 15% the whole budget would be an overall approximation of 5000 euros (the number is just a rough approximation, the future deliverables will provide a more accurate result and probably will increase the whole value).

Furthermore, to this computation we need to add the monthly amortization computed by each individual member in their respective “Planning and progress report”, thus we use the following formula to the computation of the general monthly amortization:

$$\text{General monthly amortization} = \sum_{i=1}^3 \text{Monthly amortization}_i$$

And given the values of each monthly amortization the result is **41,5 euros** adding to the deliverable budget we obtain the estimated total value:

$$\text{General approximated budget} = \text{General monthly amortization} + \text{Approximated budget}$$

This being a total of **1311,5 euros**.

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

It is worth mentioning 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 aforementioned column 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.

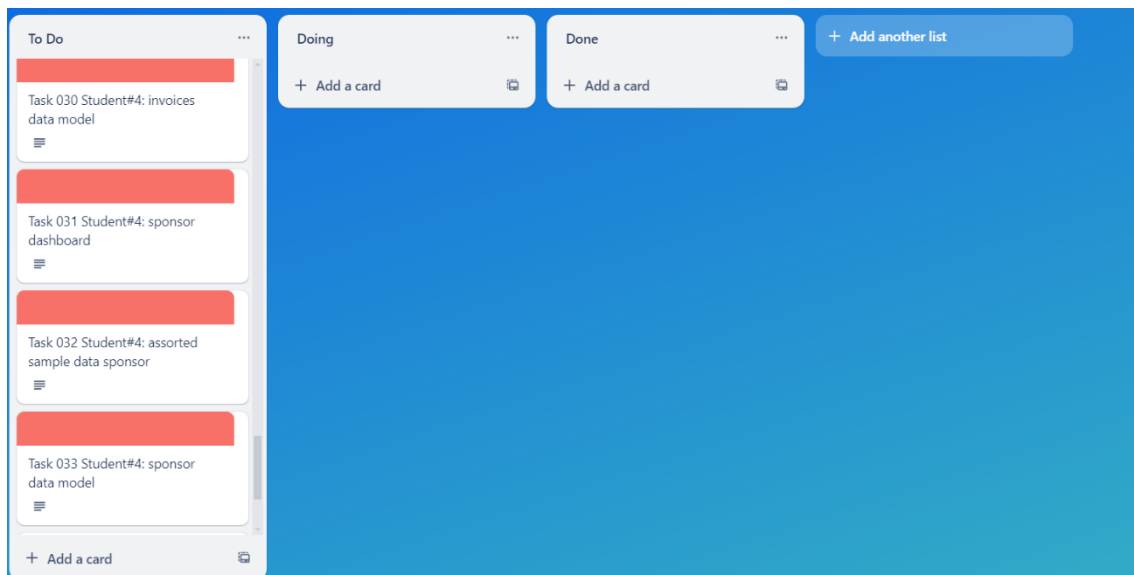


Figure 1 issues at the beginning of the deliverable planning.

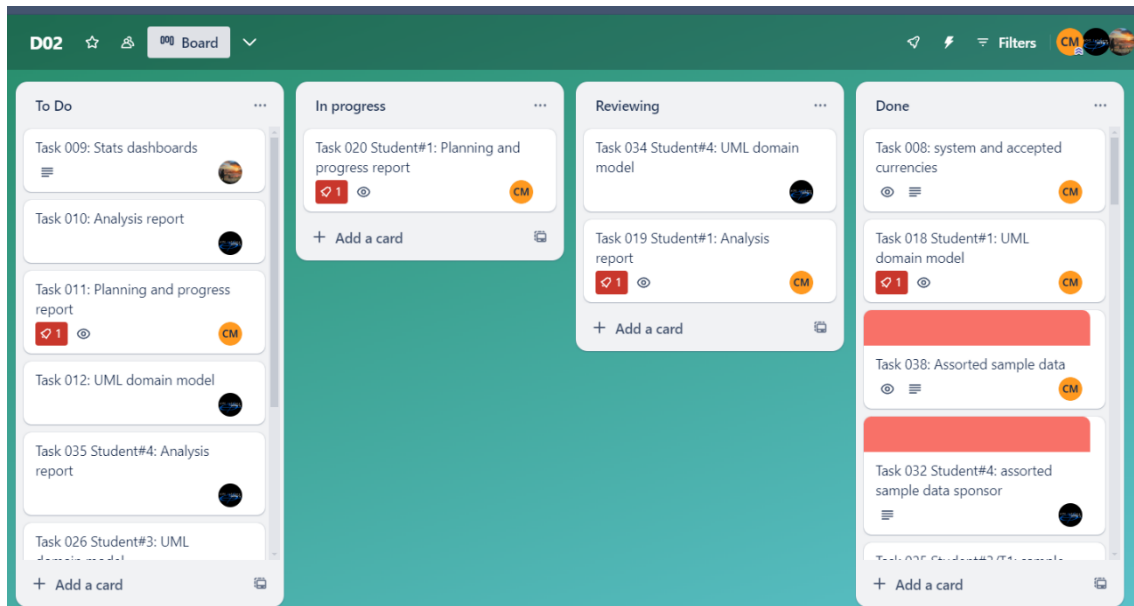


Figure 2 issues during the development of the project.

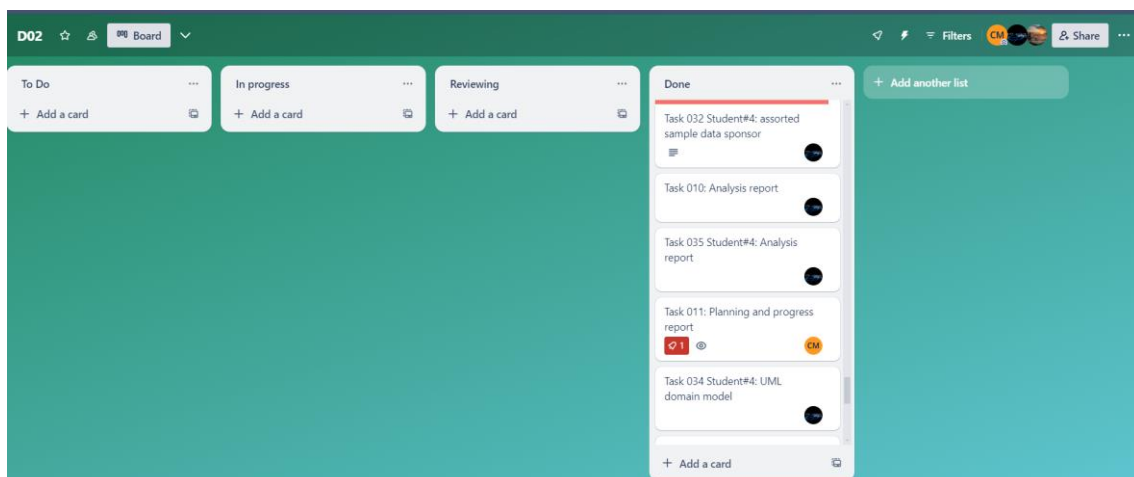


Figure 3 end of the deliverable.

4.2 Progress chapter

With this chapter we intend to analyze and judge the work and efficiency provided by each member of the group to the correct development and fulfilment of the needs of the customer.

Progress record

Surname, name	Group tasks	Individual tasks	Testing tasks	Revision tasks generated	Overall performance
Castillejo Vela, Manuel	5/5	8/8	1/1	3	95% (great)
García Martínez, Carlos	5/5	8/8	10/10	2	99% (great)

Rodríguez Millán, María C.	4/4	8/8	9/9	1	99% (great)
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No conflicts raised during the development of the deliverable.

Lastly, regarding the real budget our approximation for this deliverable was not far-off to the real investment. To get the total value we obtain the total time invested as an analyst or manager considering that each hour is equivalent to 30 euros. On the other hand, the other roles obtain an outcome of 20 euros/hour. With this information and the total real time, we can obtain the result of **1105 euros** including the monthly amortization computed previously. Showing that the approximations weren't unreal, and we know how to determine our goals and manage our time appropriately.

5. Conclusions

In summary, this report encapsulates the comprehensive planning and diligent progress tracking that have underpinned our project's success. From meticulous task listing to budget analysis and conflict resolution strategies, every aspect of our journey is documented here. As we reflect on our achievements, we recognize the collaborative efforts of our team and the support of our stakeholders. Armed with valuable insights gained from this process, we are well-equipped to tackle future challenges and strive for excellence in all our endeavors.

6. Bibliography

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