



18 DE FEBRERO DE 2024

PLANNING AND PROGRESS REPORT

GROUP C-1.047



ACME Software
Factory

Acme SF, Inc.

Repository link: <https://github.com/Cargarmar18/Acme-SF-D01>

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1. Executive summary

This document is divided into the planning chapter which will be formed by the detailed task listing with their respective titles, descriptions, assignees, planned and actual time. Once it is all specified a series of screenshots will be included illustrating the development stages, we made along all the process. Moreover, the budget will be highlighted to finish this chapter.

Then in the progress chapter, records will be included with the individual progress of the student 4, and the associated rewards and admonishments. Then, a series of conflict resolutions will be defined and a comparison between estimated versus actual cost.

2. Revision table

Revision number	Date	Description
1.0.0	18/02/2024	Base planning and progress report

3. Introduction

The planning and progress report mends to stablish in a comprehensible way the plan that was traced by the team for the deliverable, the stages in which the project will go through, the traced of every task that was done by every student and a conclusion regarding the standards for well and bad performance defined in previous documents.

This report focuses on the performance and planning of Student #4, the main Analyst of this project and which tasks have been assigned to him for reaching the objective mark that was proposed in the chartering report.

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.

4. Contents

4.1 Planning chapter

The table below represents the tasks titles with the assigned descriptions for the student 4 in the group as well as the role that was performed, the estimated time and the real time.

Task	Description	Assignee	Role	Estimated time	Real time
Task 003	Chartering Report	Castillejo Vela, Manuel	Main analyst	90 minutes	120 minutes
Task 005	Analysis Report	Castillejo Vela, Manuel	Main analyst	120 minutes	90 minutes
Task 008	Architecture of WIS Report	Castillejo Vela, Manuel	Main analyst	60 minutes	90 minutes
Task 013	Student #4: add web	Castillejo Vela, Manuel	Developer	20 minutes	15 minutes
Task 016	Student #4: analysis report	Castillejo Vela, Manuel	Analyst	60 minutes	40 minutes
Task 019	Student #4: planning and progress report	Castillejo Vela, Manuel	Analyst	90 minutes	110 minutes
Task 013/T1	Student#4: informal testing	Castillejo Vela, Manuel	Tester	15 minutes	15 minutes
Task004/T1	Task 004/T1: Informal testing	Castillejo Vela, Manuel	Tester	20 minutes	15 minutes

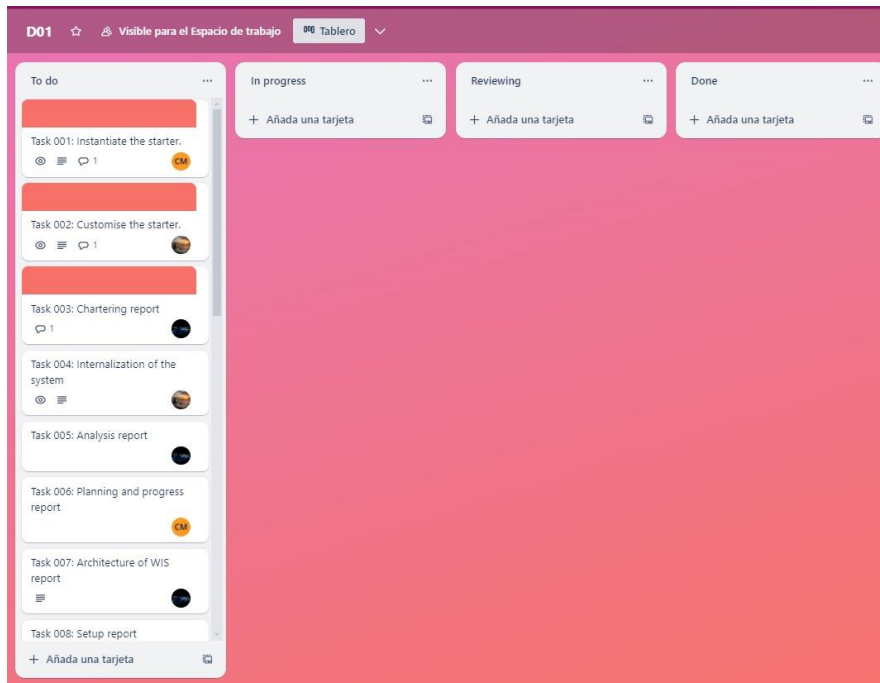
Some screenshots of different moments from along the delivery development can be found below.

Moreover, we can highlight 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 change, 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 column is not

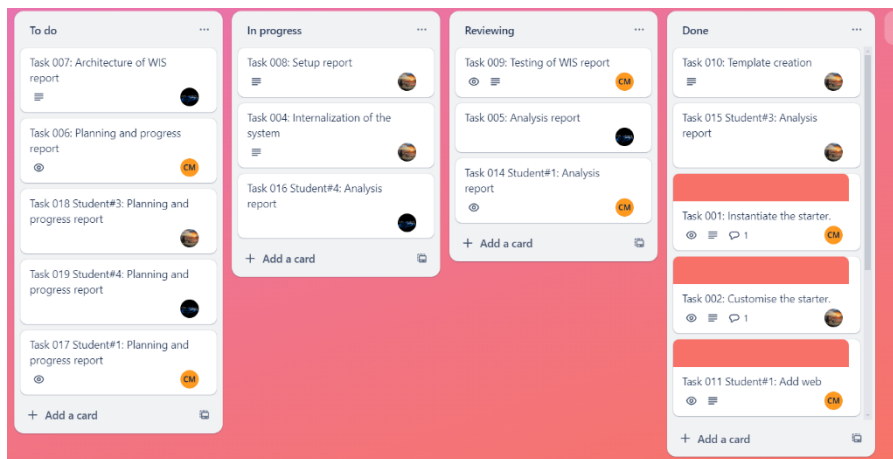
intended to alter the methodology but is intended to complement it to avoid possible conflicts.

In this project, as an unanimously decision Trello will be the software that will track our tasks evolution.

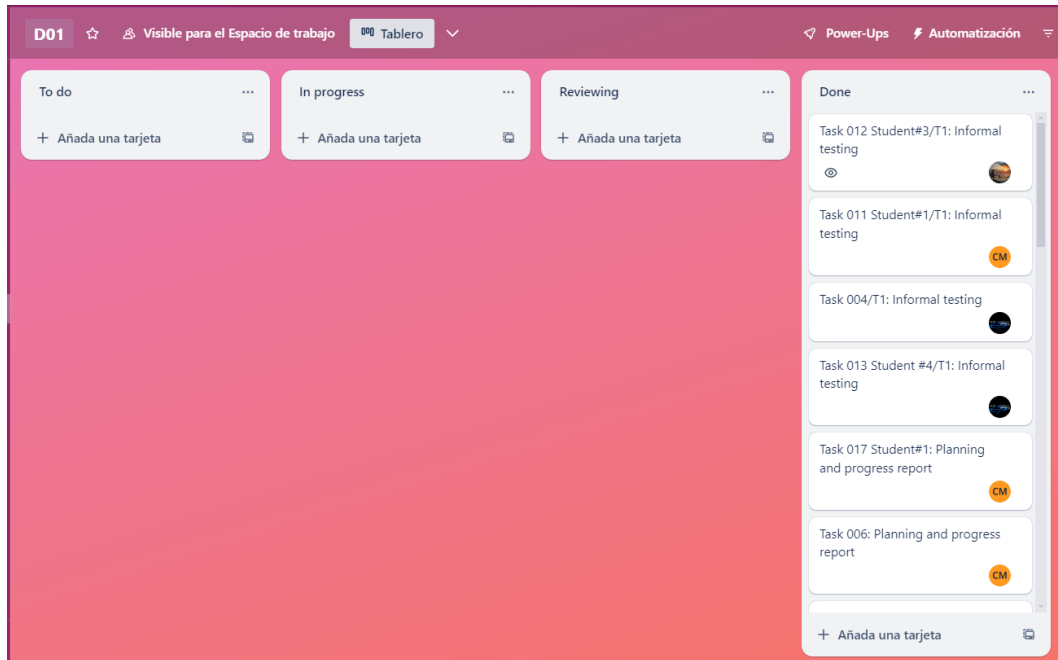
A screenshot showing the issues at the beginning of the deliverable planning:



A screenshot showing the issues during the development of the project:



A screenshot showing the end of the deliverable:



In the previous images, we can observe how the workflow of the project's tasks has been evolving successfully along its development. It is worth mentioning that no formal testing tasks were performed due to the simplicity of the implemented features.

Note the absence of review tasks in this deliverable since the reviewing and testing carried out on the project tasks were favourable, mainly due to the simplicity of the requirements contained therein, as well as the exhaustive monitoring of the guidelines provided.

Taking the previous data into account, we can define a budget approximation with an estimated cost to carry out the previous tasks:

Role	Estimated time	Cost per hour	Cost estimation
Developer	20 min	€20.00	€6,67
Analyst	420 min	€30.00	€210.00
Tester	25 min	€20.00	€8,33
Total estimated time:	465 min	Total cost estimation:	€225.00

To calculate the total cost, it must be considered the amortization cost, which has been computed following the linear amortization formula described below:

$$\text{Annual amortization} = \frac{\text{initial cost} - \text{residual value}}{\text{number of years}}$$

Here, the initial cost means the initial expense of the used equipment, considered as €1000.00, and the residual value represents the value of the equipment after the designated period, considered as €550.00. This period has been established as three years, so that:

$$\text{Annual amortization} = \frac{1000.00 - 550.00}{3} = €150.00$$

And regarding the monthly duration of deliverables, we would need the monthly amortization:

$$\text{Monthly amortization} = \frac{\text{annual amortization}}{12}$$

So that:

$$\text{Monthly amortization} = \frac{150.00}{12} = €12.50$$

Proceeding, the total cost estimation (including amortization) for the first deliverable would be:

$$\text{Total cost estimation} = 225.00 + 12.50 = €237.50$$

4.2 Progress chapter

The progress reports of the tasks carried out by the Student#4 in the first deliverable are defined in this table with the follow information:

Surname, name	Group tasks	Individual tasks	Testing tasks	Revision tasks generated	Overall performance
Castillejo Vela Manuel	3/3	3/3	2/2	None	100% (great)

Following the guidelines defined in the chartering report, a task is considered done with a high level of performance whenever it is fulfilled before the designated deadline decided by the manager, which was the case of all the tasks carried out throughout this delivery. Therefore, the performance is qualified as “good performance” following the good standards indicators and definitions then the reward expected in this situation is passing the subject.

As we can check, no conflicts arose during the execution of the tasks for the Acme-SF project in its first deliverable.

Regarding the previous computed cost estimation, a comparison with the real cost after finishing the deliverable can be found as follows:

Role	Real time spent	Cost per hour	Real cost
Developer	15 min	€20.00	€61.67
Analyst	410 min	€30.00	€290.00
Tester	30 min	€20.00	€5.00
Total real time:	455 min	Total real cost:	€220.00

The total real cost (including amortization) for the first deliverable would be:

$$\text{Total real cost} = 220 + 12.50 = \text{€}232.50$$

As we can see the difference between both prices is the 5 euros which is not a significant amount, even the real cost was below the expected one which is a good sign.

5. Conclusions

In summary, this report presents the planning elaborated by the whole group to affront the project and the progress that they have made along the first deliverable which was the first development phase they need to face.

6. Bibliography

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