10 DE MARZO DE 2024

PLANNING AND PROGRESS REPORT STUDENT#4

GROUP C-1.047

Acme SF, Inc.

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

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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 comparation between estimated versus actual cost.

2. Revision table

Revision number	Date	Description
1.0.0	10/03/2024	Creation of document

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

4.1Planning 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 through the D02 deliverable.

Task	Description	Role	Estimated time	Real time
Task 003	Risk data model	Developer	60 minutes	50 minutes
Task 005	Banner data model	Developer	60 minutes	50 minutes
Task 010	Analysis Report	Analyst	120 minutes	130 minutes
Task 012	UML domain model	Analyst	100 minutes	90 minutes
Task 029	Student#4: sponsorship data model	Developer	60 minutes	40 minutes
Task 030	Student #4: invoices data model	Developer	60 minutes	40 minutes
Task 031	Student #4: sponsor dashboards	Developer	50 minutes	25 minutes
Task 032	Student #4: assorted sample data sponsor	Developer	180 minutes	160 minutes
Task 033	Student#4: Sponsor data model	Developer	10 minutes	5 minutes
Task 034	Student#1: UML domain model	Analyst	50 minutes	40 minutes
Task 035	Student#4: Analysis report	Analyst	70 minutes	60 minutes
Task 020	Student#4: Planning and progress report	Analyst	100 minutes	80 minutes
Task 037	Assorted sample data	Developer	120 minutes	110 minutes
Task 003/R1	Risk review	Developer	10 minutes	10 minutes
Task 001/T1: Informal testing	Informal testing	Tester	5 minutes	5 minutes
Task 005/R1	Banner review	Developer	5 minutes	5 minutes
Task 037/R1	Sample data review	Developer	30 minutes	20 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.

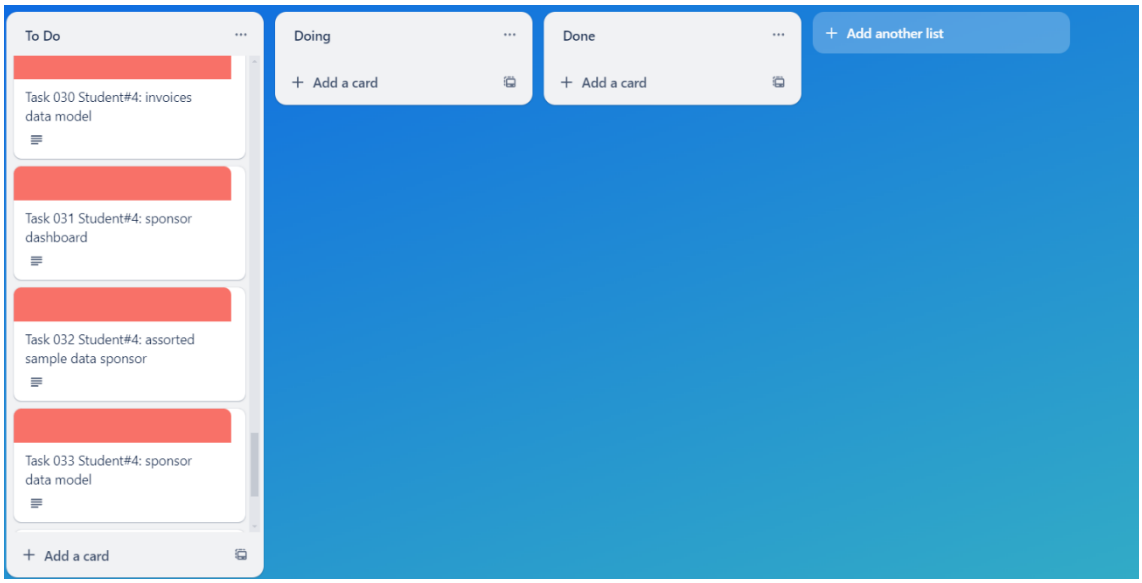

Figure 1: Beginning of planning and development.

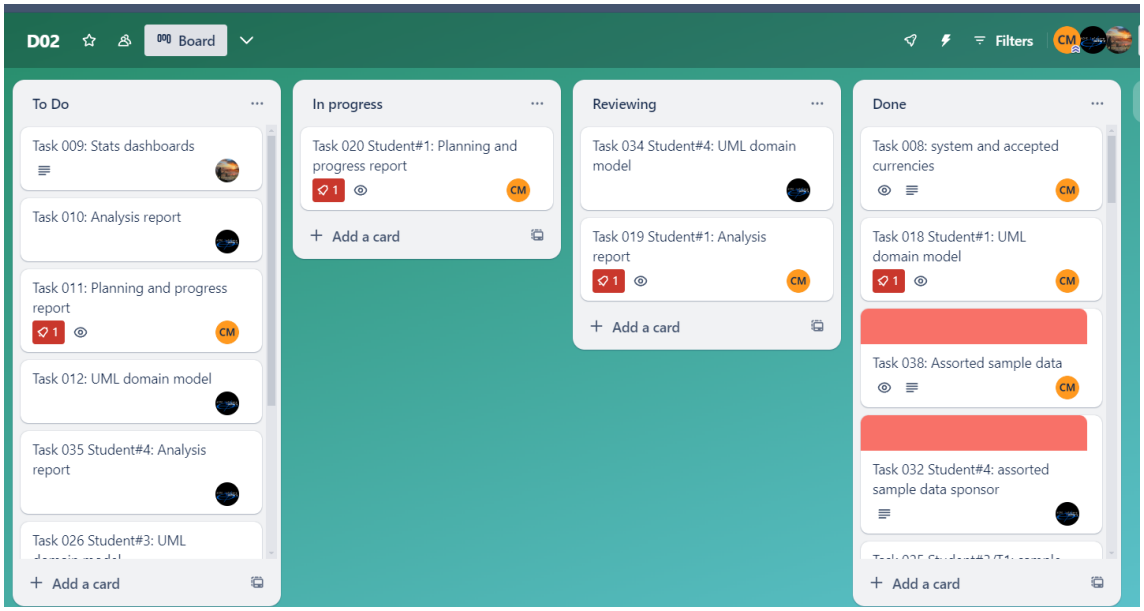

Figure 2 During development.

Figure 3 End of deliverable.

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	585 min	€20.00	€195.00
Analyst	440 min	€30.00	€220.00
Tester	5 min	€20.00	€1,66
Total estimated time:	465 min	**Total cost estimation:**	€416.66

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

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

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:

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

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

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

So that:

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

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

$$Total\ cost\ estimation = 416.66 + 12.50 = 429.16$$

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
Castillejo Vela, Manuel	5/5	8/8	1/1	3	95% (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	515 min	€20.00	€171.66
Analyst	400 min	€30.00	€200.00
Tester	5 min	€20.00	€1.66
Total real time:	455 min	**Total real cost:**	€373.00

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

$$Total\ real\ cost = 373 + 12.50 = \text{€}385.50$$

As we can see the difference between both prices is the 40 euros less than expected 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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