

DP2 2023-2024  
Planning and progress report

# Acme Software Factory



Repository: [https://github.com/rafcasceb/Acme-Software\\_Factory-C1.049](https://github.com/rafcasceb/Acme-Software_Factory-C1.049)

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GROUP C1.049

Version 1.0  
17-02-24

## Content Table

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## Executive summary

This report will outline the planning, progress, and cost estimation of the individual tasks for the first delivery.

Note that this report focuses exclusively on the individual tasks assigned to student number 4. For that reason, I will be playing all the roles, more specifically, manager, analyst, and developer. Tester and deployer roles are not implied in the initial delivery phase.

## Revision Table

Date	Version	Description of the changes	Sprint
17/02/2024	1.0	<ul style="list-style-type: none"><li>• Executive summary</li><li>• Introduction</li><li>• Content</li><li>• Actual time and comparison</li><li>• Final screenshots</li><li>• Conclusion</li><li>• Bibliography</li></ul>	1

## Introduction

For the first delivery we were expected to carry out one mandatory task and two optional assignments. The first task involved the addition of a link to our favorite website to the anonymous menu. The other assignments were writing an analysis report and this planning and progress report.

The team has decided to keep a GitHub project organization exclusively for the group tasks and 5 private ones for individual assignments; that's why only my individual tasks will be seen in the screenshots of this report.

The content of this report is organized in two chapters: the planning chapter and the progress chapter.

The planning chapter includes:

- A listing with the tasks that have been performed to fulfil the requirements, for each task, providing the title, succinct description, assignee, and role/s, planned time, and actual time.
- Some screenshots of different moments of the delivery development.
- A budget with the total estimated cost required to carry the previous tasks out. This includes the number of estimated hours (with details per role), the personnel cost (with details per role), the amortization cost, and the totals.

The progress chapter includes:

- My progress record, including an analysis of my performance indicators.
- A succinct description of the arisen conflicts and how I have addressed them.
- A comparison between the cost estimated in the previous planning and the real cost after finishing the deliverable. This includes the number of hours spent (with details per role), the personnel cost (with details per role), the amortization cost, and the totals.

## Contents

### Planning

#### Listing

Tasks	Description	Assignees	Roles	Planned hours	Actual hours
D01-1	Modify the anonymous menu so that it shows an option that takes the browser to the home page of your favorite web site.	Luis Mellado Díaz	Manager Analyst Developer	20 min.	
D01-11	Produce an analysis report.			1 h.	
D01-12	Produce a planning and progress report.			1 h.	

### Screenshots

2024/02/16

Student 4: Luis Mellado - individual work

Backlog Team capacity Current iteration Roadmap My items + New view

Filter by keyword or by field

**Todo** 3 / 5 Estimate: 0

This item hasn't been started

- Acme-Software\_Factory-C1.049 #42  
Task S04-001: Favourite website link.
- Acme-Software\_Factory-C1.049 #54  
Extra Task S04-002: Analysis report
- Acme-Software\_Factory-C1.049 #55 ...  
Extra Task S04-003: Planning and progress Report

+ Add item

**In Progress** 0 / 5 Estimate: 0

This is actively being worked on

+ Add item

**Done** 0 Estimate: 0

This has been completed

+ Add item

2024/02/17

Student 4: Luis Mellado - individual work

Backlog Team capacity Current iteration Roadmap My items + New view

Filter by keyword or by field

**Todo** 0 / 5 Estimate: 0

This item hasn't been started

+ Add item

**In Progress** 1 / 5 Estimate: 0

This is actively being worked on

- Acme-Software\_Factory-C1.049 #55  
Extra Task S04-003: Planning and progress Report

+ Add item

**Done** 2 Estimate: 0

This has been completed

- Acme-Software\_Factory-C1.049 #42  
Task S04-001: Favourite website link.
- Acme-Software\_Factory-C1.049 #54  
Extra Task S04-002: Analysis report

+ Add item

2024/02/17

Student 4: Luis Mellado - individual work

Add status update

Backlog

Team capacity

Current iteration

Roadmap

My items

New view

Filter by keyword or by field

Discard

Save

Todo0 / 5Estimate: 0

This item hasn't been started

+ Add item

In Progress0 / 5Estimate: 0

This is actively being worked on

+ Add item

Done3Estimate: 0

This has been completed

Acme-Software\_Factory-C1.049 #42

Task S04-001: Favourite website link.

Acme-Software\_Factory-C1.049 #54

Extra Task S04-002: Analysis report

Acme-Software\_Factory-C1.049 #55

Extra Task S04-003: Planning and progress Report

+ Add item

Planned budget

Role	Planned time	Personnel costs (€/h)	Total cost (€)
Manager	1 h	30	30
Analyst	1 h	30	30
Developer	30 min	20	10
Tester	0 h	20	0
Deployer	0 h	20	0
TOTAL			70.00

Amortization = (equipment value + residual value) / 3 years =  
=  $(700 + 0.07 \cdot 700) / 3 = 749 / 3 = 249.67 \text{ €}$

This amortization is calculated for a span of 3 years. For the equipment, only the laptop has been considered.

Monthly amortization:  $249.67 / 12 = 20.81 \text{ €}$

**Sprint1 expected total =  $70.00 + 20.81 = 90.81 \text{ €}$**



Progress

Actual budget

Role	Actual time	Personnel costs (€/h)	Total cost (€)
Manager	1 h 20 min	30	40.00
Analyst	28 min	30	14.00
Developer	31 min	20	10.33
Tester	0	20	0
Deployer	0	20	0
TOTAL			<b>64.33</b>

Amortization = (equipment value + residual value) / 3 years =  
=  $(700 + 0.07 \cdot 700) / 3 = 749 / 3 = 249.67 \text{ €}$

Monthly amortization:  $249.67 / 12 = 20.81 \text{ €}$

This amortization is calculated for a span of 3 years.

**Sprint1 actual total** =  $64.33 + 20.81 = 85.14 \text{ €}$

## Budget comparison

Role	Planned time	Actual time	Time difference	Planned cost (€)	Actual cost (€)	Difference of cost (€)	Planned monthly amortization (€)	Actual monthly amortization (€)	Monthly amortization difference (€)
Manager	1 h	1 h 20 min	+ 20 min	30.00	40.00	+10.0	20.81	20.81	+ 0
Analyst	1 h	28 min	- 32 min	30.00	14.00	- 16.00			
Developer	20 min	31 min	+ 11 min	10.00	10.33	+0.33			
Tester	0 h	0 h	+ 0 h	0	0	+0			
Deployer	0 h	0 h	+ 0 h	0	0	+0			
<b>TOTAL</b>			<b>- 1 min</b>			<b>- 5.67</b>	20.81	20.81	<b>+0</b>

Sprint1 difference = 85.14 - 90.81 = - 5.67 €

## Conflicts

There were no major issues in this delivery. The analysis document was completed 32 minutes ahead of schedule, while the planning and progress report took 20 minutes longer than anticipated. This was mainly because the requirements for delivery 1 were less complicated than expected. Regarding the planning and progress report, I believe I underestimated the time needed. For future deliveries, I will allocate 1 hour and 30 minutes as the estimated time.

## Progress record

Luis Mellado Díaz – Student #4, at 17/02/2024.

Let us analyze my individual tasks based on the performance metrics defined in the group charting report.

Clarification: It must be noted that since the same person plays all roles, it would not have been any practical to create an analysis (QA) after the completion of each task to then review be reviewed by the same person again, something that must have been performed before deeming it done in first place. However, if after considering a task finished a mistake is found, a QA task will be carried out to solve the problem.

- Performance percentage:  $\text{Performance} = \frac{\text{CompletedTasks}}{\text{TotalTasks}} * 100 = 3/3$
- Number of revision tasks: 0 revision tasks.

## Conclusions

To sum up, all tasks were completed on schedule, and I have familiarized myself with the framework and methodologies. The only considerable mistake was underestimating the time required time for the planning and progress report. On the other hand, the general time and money estimation was pretty accurate.

## Bibliography

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