Escuela Técnica Superior de Ingeniería Informática

**Planning report D01**



Degree in Computer Engineering – Software Engineering  
Design and Testing II.

Academic year 2024 – 2025

|  |  |  |
| --- | --- | --- |
| **Laboratory group C1.005** | | |
| **Alphabetised authors** | **Role** | **Role description** |
| Artero Bellido Manuel – manartbel@alum.us.es | Manager | Makes plans, creates and supervises tasks, initialises the repository and writes reports |
| Calderón Rodríguez, Manuel María -mancalrod@alum.us.es | Operator | Creates deployment configurations, deploys the application, keeps the application running and writes reports |
| González Benito, Claudio – clagonben@alum.us.es | Developer | Creates development configuration, customises the starter, implements features, does informal testing and writes reports |
| Márquez Gutiérrez, José Manuel – josmargut@alum.us.es | Tester | Does formal testing and writes reports |
| Ramos Vargas, Alba – albramvar1@alum.us.es | Analyst | Elicits requirements, defines features, creates the domain model and writes reports |

# Versioning

|  |  |  |
| --- | --- | --- |
| Date | Version | Description |
| 20/02/2025 | V1.0.0 | Creation of the report |

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# Executive summary

This document serves as a report necessary for the correct development of the project. Following the annex provided, this report specifies the tasks done for the first deliverable, an estimation of time and costs and a comparison of the actual values.

The objective of this deliverable was the correct configuration of the workspace and making sure the team was familiarized with the framework and the environment, so the requirements weren’t too complex.

# Planning

## Introduction

This chapter of the report will delve into the tasks and its estimations, providing a estimation of the total costs for the deliverable.

## Tasks

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task | Description | Role | Planned time | Actual time |
| Analysis report | Analyze and solve any unspecific requirement, providing options and the final decision | A | 30 minutes | 30 minutes |
| Planning Chapter | Define each assigned task and provide estimated times and costs | A | 30 minutes |  |
| Progress Chapter | Analyze the finished tasks | A | 30 minutes |  |
| Add link to anonymous menu | Add a button to the Anonymous menu in the navigation bar of the app that redirects the user to the developer’s favorite web | D | 5 minutes | 5 minutes |
| Change icon and banner | Provide new icon and banner files with the specified dimensions and transparencies | D | 15 minutes | 15 minutes |

## Screenshots

Immediately after this we have a couple of screenshots from the group and individual kanban boards respectively with the completed tasks, those still to do and those in progress, as defined by the project manager:

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

## Estimated costs

The following image shows the result of the excel spreadsheet used to calculate the estimation.

A screenshot of a data

AI-generated content may be incorrect.

Where:

* The columns ‘Analyst’ and ‘Developer’ reflects the time in minutes estimated per task for each role.
* The row ‘Total time’ sums the times specified
* The row ‘Cost per hour’ specifies the cost per role per hour.
* The row ‘Total per role’ multiplies the previous two cells and divides them by 60, getting the accurate costs per total time.
* The cel ‘Total’ sums said values.

# Progress

## Introduction

This chapter of the report will delve into the progress made by student 3 during this stage of the project, providing a comparison of estimated and actual costs.

## Progress records

The tasks completed are the following:

* Analysis report
* Planning chapter
* Progress chapter
* Menu link
* New Icon and Banner images
* WIS testing report

## Conflicts

There were no noteworthy conflicts during this stage of the project.

## Cost comparison

A screenshot of a data sheet

AI-generated content may be incorrect.

# Conclusions

Even if the estimations were not accurate, the total cost was, as the time spent in each report was compensated.

It is interesting to note that the coding time was correctly estimated, it was the documenting time that was not. This will hopefully mean that after obtaining more experience redacting these reports, the following estimations and costs because of creating documentation will be reduced and the estimations more accurate.

# References