Universidad de Sevilla  
Escuela Técnica Superior de Ingeniería Informática

**Analysis report D01**



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

Academic year 2024 – 2025

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| **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

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| --- | --- | --- |
| 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 execution of the project. In it, the doubts generated along with the development of the project, especially when interpreting the requirements given by the department, will be analyzed and resolved.

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.

# Introduction

This report includes a detailed analysis of any and all requirements deemed not specific enough. There will be a reference to the requirements, a listing of the possible options and a conclusion of how the doubt was resolved, aided by the validation of a professor when available.

# Contents

## Managerial Requirement 2

*“Provide a link to your planning dashboard in GitHub to review the tasks, their current status, and your schedule.”*

### Problems

1. Lack of specification on where to specify the links that were asked for:

It is an expansive project with many reports so there are lots of options of where to place the link.

* Option 1: adding the link to the chartering report.

This option centralizes all links and facilitates navigating from one place to another. In addition, the link to the repository, which is unique, is not repeated numerous times.

* Option 2: adding the link to a separate file in each student’s documentation folder.

This option centralizes all documents from each student, making navigating that student’s work easier.

1. Specification of Kanban projects:

It is not specified neither how many projects there should be nor how to divide said projects.

* Option 1: Create a project for each developer.

As each developer is evaluated individually, it makes sense for a project to be unique to them.

* Option 2: Create a project for each deliverable.

Each deliverable is not isolated from the others, while this option would make sense for deliverables focused on one feature or environment, in this case it’s not optimal.

* Option 3: Create only one project.

This option would make access and switching from one project to another via filters easier. However, by the end of the semester the size of the project and the number of tasks could easily make the Kanban unmanageable.

### Conclusions

There are two separate issues with this requirement and the consensus reached is:

1. The links will be stored in a text file with the rest of the documentation from each student.
2. There will be created an individual project for each student and a group.

### Validation

There is a thread on the forum regarding these very issues. The answer from the professor was:

*“Regarding managerial requirements, they usually involve writing reports, but there are a few that require you to produce a link. In such cases, you can store the link in a '.txt' file in the appropriate subfolder of folder './reports'. Please, note that you must produce several such links: one link to the dashboard with the group tasks, another link to the dashboard with the tasks by Student #1, another link to the dashboard with the tasks by Student #2, and so on. If you can’t grab a link to the exact dashboard, then provide a link to a general dashboard and provide instructions on how to filter it so that only the group tasks or your individual tasks can be displayed. In such cases, likely you’ll have to use a '.docx' file.”*

The comment and thread can be found in the following [link](https://ev.us.es/webapps/discussionboard/do/message?action=list_messages&course_id=_89154_1&nav=discussion_board&conf_id=_426211_1&forum_id=_253522_1&message_id=_457927_1).

# Conclusions

The original message on the thread wasn’t made from one of the members of our team what eased the resolution of our doubt. In addition, controlling the forum for other students’ doubts will definitely make a difference when dealing with unspecific requirements.

# References

* Forum: Tutorials, <https://ev.us.es/webapps/discussionboard/do/forum?action=list_threads&forum_id=_253522_1&conf_id=_426211_1&course_id=_89154_1&nav=discussion_board> (accessed 20/02/2025)