Analysis Report

Acme AirNav Solutions, Inc

Group Number: C1.066
Repository: https://github.com/mquirosq/DP2-C1.066

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Executive Summary

This document is a collection of records of the analysis that was conducted to the requirements corresponding to Delivery 01 of Student #2. Only requirements needing some analysis are included. Each record contains a verbatim copy of the original requirement, a detailed analysis of possible solutions with their advantages and disadvantages, and decisions made to refine the requirements. Additionally, A link to the validation performed by the lecturer is provided. The only problem

Revision History

Revision	Date	Description
1.0	2025-02-19	Initial draft
1.1	2025-02-20	Added analysis

1. Introduction

The purpose of this document is to provide a comprehensive analysis of the requirements that required clarification for Delivery 01 of Student #2 [1]. This analysis aims to clarify ambiguities and address potential issues. Only requirements that required further evaluation have been included.

For each analyzed requirement, an analysis record has been documented, consisting of:

- A verbatim copy of the original requirement for reference.

- An description of the issues or ambiguities encountered.

- An analysis of potential solutions considered, including the advantages and disadvantages of each approach.

- A final decision made regarding the issue.

- A link to the validation performed by the lecturer, confirming correctness and applicability of the modifications.

This report is structured to ensure transparency in the decision-making process and serves as documentation for future reference.

2. Analysis Records

2.1. Requirement 2

The following requirement will be analyzed:

"Provide a link to your planning dashboard in GitHub to review the tasks, their current status, and your schedule"

The requirement is clear in its intent, but lacks details on the expected way of delivering the link. This requirement analysis was the same as that performed in Group Requirement 3 [2]. The following options were considered:

- Alternative 1: Include the link to the planning dashboard in the Chartering Report document:
  - Advantages: This approach reduces the number of folders and documents in the project.
  - Disadvantages: Lecturers may find it difficult to find the location of the link.

- Alternative 2: Include a link to the planning dashboard in a dedicated file, where the links to all planning dashboards would be located.
  - Advantages: Avoids having multiple files for the same general purpose and allows lecturers to have quick access to any link that is required for evaluation.
  - Disadvantages: As students are evaluated separately, it may be a better idea to separate the dashboard links to facilitate the evaluation process.

- Alternative 3: Create different files for the dashboards of each student and the group dashboard and store them in their respective folders.
  - Advantages: The students and group links are separated into different files and neatly organized in folders, which may ease evaluation.
  - Disadvantages: Repetitive approach with a more complex structure.

Taking into account the different alternatives and the context of the project, we concluded that the best alternative was Alternative 3.

Each student will include their link in their specific folder and the group dashboard link will be included in the group folder.

The validation performed by the lecturer can be found in the following link: link.

3. Conclusions

The analysis recorded in this document provides a detailed evaluation of the requirements for Delivery 01 of Student #2 [1], identifying ambiguities and problems, assessing potential solutions, and making informed decisions to improve the understanding of requirements and progress towards the goal.

Each analysis was recorded in a structured manner, ensuring that the final conclusion was approved by the lecturer. By documenting the original requirements, issues encountered, considered solutions and final decisions, this report serves as a transparent reference of the decision-making process. Additionally, the lecturer's approval serves to validate the final decision made, ensuring correctness and feasibility.

The analysis records provide a clear justification for the decisions made. Moving forward, these decisions will serve as a solid foundation for implementing the requirements as originally intended by the lecturers, ensuring accuracy and minimizing unnecessary errors and confusion.

References

[1] *02 - Requirements – Student #2*, Enseñanza Virtual, 2025. Available on Enseñanza Virtual in the course inside the Project Statement folder, Accessed: 2025-02-18.

[2] Team C1.066, *Analysis Report for Delivery 01*, 2025. Included in project delivery.