**Analysis Report**

**Group**: C1.027  
**Repository**: <https://github.com/DP2-C1-027/AirNav-Logistics.git>

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**Executive Summary**

This document provides an overview of the version report for the AirNav-Logistics project, summarizing key updates and adjustments made based on the analysis of project requirements. While most tasks were straightforward and didn’t require extensive evaluation, some modifications were necessary to improve the system's accuracy and alignment with real-world scenarios.

Notable updates include the implementation of attribute validation to ensure data consistency and accuracy, along with adjustments to the data model to better represent the relationships between key entities. These changes enhance the system’s integrity and functionality, ensuring it meets the specified requirements.

The report underscores the importance of aligning the system structure with the project's domain needs, while maintaining consistency in data validation and entity relationships.

**Revision Table**

|  |  |  |
| --- | --- | --- |
| **Revision Number** | **Date** | **Description** |
| 1.0 | 12/03/2025 | Initial report for D02 |
| 2.0 | 26/05/2025 | Last deliverables |

**Introduction**

The purpose of this document is to present an analysis of the tasks performed in the AirNav-Logistics project. However, given that the assigned tasks were straightforward and did not require significant analytical work, no substantial analyses were necessary.

**Contents**

* 1. **Analysis of the requirements of D01:**

No specific analysis records are included in this report as the individual tasks completed did not necessitate detailed requirement evaluations. Therefore, no requirement modifications or validations were needed.

* 1. **Analysis of the requirements of D02**

Upon consideration, the duration property of Legs was designed as a persisted value in the database which will be derived from the departure and arrival dates of the leg, instead of being decided by the user or being a transient property. This was decided upon consulting with the professor on the matter

* 1. **Analysis of the requirements of D03**

It was noted requirements #8 and #9

**Conclusions**

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**Bibliography**

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