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## **DP2 – Analysis Report**

**Group:** C1.027  
**Repository:** <https://github.com/DP2-C1-027/AirNav-Logistics>  
**Group Members:** Garcia de Tejada Delgado, Jose; Peñaloza Friqui, Nora; Niza Cobo, Manuel Jesús; Gomez Claraco, Nicolas; Campos Diez, Lucia.

**Corporate Emails:** [josgardel8@alum.us.es](mailto:josgardel8@alum.us.es), [norpennfri@alum.us.es](mailto:norpennfri@alum.us.es) , [mannizcob@alum.us.es](mailto:mannizcob@alum.us.es) , [nicgomcla@alum.us.es](mailto:nicgomcla@alum.us.es) , [luccamdie@alum.us.es](mailto:luccamdie@alum.us.es)   
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## **Executive Summary**

This analysis report presents an analysis of key project requirements that require further evaluation to ensure effective implementation. Not all requirements require a detailed analysis, only those that involve significant decisions, technical considerations, or potential challenges are examined in depth.

## **Revision Table**

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| --- | --- | --- |
| **Revision Number** | **Date** | **Description** |
| 1.0 | 02/17/2025 | Initial version of the document |

## **Introduction**

This document presents the Analysis Report for the DP2 project, developed by Group C1.027. The purpose of this report is to evaluate key project requirements to ensure their effective implementation. While not all requirements require extensive analysis, those that involve significant decisions, technical complexities, or portential challenges are examined in detail.

By conducting this analysis, the team aims to strengthen the overall quality of the project deliverables, mitigate risks associated with requirement misinterpretation, and facilitate smooth project execution. This report is structured as follows: an executive summary outlining the key findings, a revision table documenting updates to the report, the detailed analysis of selected requirements, and final conclusions summarizing key takeaways and proposed adjustments.

## **Content**

1. Instantiate and customise the appropriate starter project so that you can work on this project.  Make sure that the name of your project folder, maven configuration (pom.xml), and database is “Acme-ANS-D〈dd〉”, where “〈dd〉” denotes the deliverable number using two digits. Make sure that you have followed the instructions in the “On Your Deliverables” document to package and deliver your work. This requirement must be fulfilled in this and every other group or individual deliverable for it to be considered satisfied.

This task is crucial because it ensures consistency in the structure of the project and its correct packaging. There may be problems if the name does not follow the specified format exactly, which could affect the automated evaluation or delivery of the project.   
  
We have had several problems in this aspect, from the beginning the name was incorrect and to incorporate this change in all the members implied to modify other related files but through github it became more easy to do.

1. The default language must be English, but Spanish must be supported, as well.  Other mainstream languages are welcome but not required.  This requirement must be met in this and every other group or individual deliverable for it to be considered satisfied.

This requirement implies implementing an internationalization strategy using i18n in the project. It can be complex if is not planned from the beginning, as it affect the user interface. We have not had too much trouble in the implementation of this requirement at the moment due that was related to modifying a couple and minimal files.

## **Conclusions**

After analyzing the requirements, certain aspects were identified that require adjustments to improve their clarity, consistency and technical feasibility. In addition, inconsistencies were found between certain requirements, which could affect the implementation of the system if they are not properly aligned. Aspected were also identified that require additional validation by the teacher to ensure compliance. The proposed modifications seek to optimize the accuracy of the requirements and facilitate their traceability in future phases of the project.

## **Bibliography**

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