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Analysis Report

**Repository: https://github.com/C1-010/Acme-SF-D03**

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# 1. Executive Summary

This document will gather an analysis of the most complex requirements included in this deliverable. Within the analysis of each requirement, the requirement itself will be quoted verbatim, and the decisions made to fulfil said requirement will be included.

# 2. Revision Table

|  |  |  |
| --- | --- | --- |
| Revision number | Date | Description |
| 1 | 26/04/2024 | Document created and completed |

# 3. Introduction

The purpose of this document is to perform an analysis of the requirements deemed necessary, providing a detailed description of each. Additionally, different available options will be identified, if any, to address each requirement, along with the associated advantages and disadvantages of each. Finally, the chosen alternative will be presented.

# 4. Contents

**4.1. Information requirements**

**Mandatory**

Intentionally blank

**Supplementary**

Intentionally blank

**4.2.** **Functional requirements**

**Mandatory**

*6)Operations by auditors on code audits:*

*•List the code audits that they have created.*

*•Show the details of their code audits.*

*•Create, update, or delete their code audits. Code audits can be updated or deleted as long as they have not been published. For a code audit to be published, the mark must be, at least, “C”.*

7)Operations by auditors on audit records:

•List the audit records in their code audits.

•Show the details of their audit records.

•Create and publish an audit record.

•Update or delete an audit record as long as it is not published.

8)Operations by auditors on auditor dashboards:

• Show their auditor dashboards.

Requirements 6 and 7 are quite similar since practically the same types of services had to be created with their respective repositories and controllers, but requirement 6 was for the operations that an auditor can do in their code audits and requirement 7 was for the operations What an auditor can do in his audit records.

For requirement 8 we did not have to create all the services that we created in requirement 6 and 7 since it was a dashboard so only the show service, the controller and the repository were needed. Even so, the implementation of my requirement 8 is incomplete.

**Supplementary**

*17)Operations by anonymous principals on user accounts:*

• *Sign up to the system and become an auditor.*

*18)Operations by auditors on user accounts:*

• *Update their profiles.*

*19)Operations by any principals on code audits:*

*•List the code audits in the system that are published.*

*•Show the details of the code audits that they can list (including their audit records).*

I will try to have these requirements for deliverable 4

**4.3. Non-functional requirements**

**Mandatory**

Intentionally blank

**Supplementary**

Intentionally blank

.**4.4. Testing requirements**

**Mandatory**

Intentionally blank

**Supplementary**

Intentionally blank

**4.5. Managerial requirements**

**Supplementary**

1. Produce an analysis report
2. Produce a planning and progress report.
3. Produce a lint report.

Having already created the "analysis report" and "planning and progress report" templates in deliverable 1 and 2, I have developed them quite quickly using those templates.

I will have the lint report done for deliverable 4 since they said on the "Tutorials" forum that it was going to be taken into account for said deliverable.

# 5. Conclusions

In conclusion, the analysis of the requirements for this deliverable has been simple but my individual tasks took me much more time than the group tasks that I had assigned. For some other requirement I had to search for information on the forum.

# 6. Bibliography

Intentionally blank.