Analysis report

Student 5

Diseño y Pruebas 2

David González Herrera

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| 1.0 | 17/03/2023 |

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| **N. Revisión** | **Fecha** | **Descripción** |
| 1 | 17/03/2023 | D02 |

# Resumen ejecutivo

*Este documento contiene el análisis de los requisitos referentes al entregable D01 correspondiente al “Student 5” correspondiente a David González Herrera.*

# Introducción

Ahora vamos a analizar los requisitos del entregable D02 que según se contemplan en el documento de planificación son:

* D02-4: Creación del rol Auditor.
* D02-5: Creación de la entidad Audit.
* D02-6: Creación de la entidad Auditing records.
* D02-7: Creación del dashboard de Auditor.
* D02-8: Generar datos para las entidades.
* D02-9: Creación del informe de análisis.
* D02-10: Creación del informe de planificación.

# Contenidos

Requisitos realizados:

* D02-4: There is a new project-specific role called auditor, which has the following profile data: firm (not blank, shorter than 76 characters), professional ID (not blank, shorter than 26 characters), a list of certifications (not blank, shorter than 101 characters), and an optional link with further information.
* D02-5: [Mandatory] An audit is a document with auditing records regarding a published course. The system must store the following data about them: a code (pattern “[A-Z]{1,3}[0-9][0-9]{3}”, not blank, unique), a conclusion (not blank, shorter than 101 characters), some strong points (not blank, shorter than 101 characters), some weak points (not blank, shorter than 101 characters), and a mark (computed as the mode of the marks in the corresponding auditing records; ties must be broken arbitrarily if necessary).
* D02-6: [Mandatory] The system must store the following data about the auditing records of a course: a subject (not blank, shorter than 76 characters), an assessment (not blank, shorter than 101 characters), the period during which the subject was audited (in the past, at least one hour long),a mark (“A+”, “A”, “B”, “C”, “F”, or “F-“), and an optional link with further information.
* D02-7: The system must handle auditor dashboards with the following data: total number of audits that they have written for theory and hand-on courses; average, deviation, minimum, and maximum number of auditing records in their audits; average, deviation, minimum, and maximum time of the period lengths in their auditing records.
* D02-8: [Mandatory] Produce assorted sample data to test your application informally. The data must include two auditor accounts with credentials “auditor1/auditor1” and “auditor2/auditor2”.
* D02-9: Produce an analysis report.
* D02-10: Produce a planning report.

Requisitos no realizados: No aplica.

# Conclusión

En este entregable se ha comenzado a trabajar con el modelo de datos que, por lo general, es fácil de manejar. Así que, no se han encontrado grandes dificultades durante la realización de los requisitos realizados.

# Bibliografía

No aplica.