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| **Review Form** | | | |
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|  | **Document Title:** | **Laboratory Assignment AND Assessment Requirements Specification** | |
|  | **Reviewer Name:** | **Groza Iulia, Herta Diana** | |
|  | **Review date:** | **07.03.2025** |  |
|  |  |  |  |
| **Crt. No.** | **Checked Item** | **Doc. page/line** | **Comments/ improvements** |
| 1 | D\_01 | Paragraph 1 | idStudent variabile type not specified, could be string or int |
| 2 | D\_02 | F11 | The format of Reports output not mentioned |
| 3 | D\_05 | F7 | The way the motivations are handled is not defined in a specific way |
| 4 | D\_01 | F0 | Functions not defined for all operations |
| 5 | D\_02 | Page 1 | No error handling or data validation |
| 6 | D\_04 | Paragraph 2 | Initialization is not stated, the moment and method of how the files are created/loaded is not specified |
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|  | **Effort to review document (hours): 40 min** | |  |

Requirements Phase Defects

Unit Design Phase Defects

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| **Review Form** | | | |
|  |  |  |  |
|  | **Document Title:** | **Design Analysis Document** | |
|  | **Reviewer Name:** | **Groza Iulia, Herta Diana** | |
|  | **Review date:** | **18.03.2025** |  |
|  |  |  |  |
| **Crt. No.** | **Checked Item** | **Doc. page/line** | **Comments/ improvements** |
| 1 | D\_07 | Page 8 / Class diagram | All fields should be private, not public |
| 2 | D\_07 | Page 3 | Several use cases are missing from the use case diagram (search student, extend deadline for a specific lab theme, delete lab theme, search lab theme, display all lab themes, add grade, delete grade, search grade, display all grades |
| 3 | D\_02 | Page 6 | Preconditions and postconditions not specified for the use case number 9 (filter students) |
| 4 | D\_02 |  | No use case for multiple functionalities (e.g. search student, add grade, delete grade) |
| 5 | D\_02 | Page 6 | Preconditions and postconditions not specified for the use case number 10 (generate reports) |
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|  | **Effort to review document (hours): 1** | |  |

Coding Phase Defects

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| **Review Form** | | | |
|  |  |  |  |
|  | **Document Title:** | **Coding Analysis Document** | |
|  | **Reviewer Name:** | **Groza Iulia, Herta Diana** | |
|  | **Review date:** | **18.03.2025** |  |
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| **Crt. No.** | **Checked Item** | **Doc. page/line** | **Comments/ improvements** |
| 1 | D\_01 | Service / addNota function | The case when the student delivers an assignment with 2 weeks delay or more is not handled correctly, it should apply an appropriate penalty but it throws an exception |
| 2 | D\_04 | StudentValidator | The validation for email must use a regex to see if it has the structure of an email but it verifies only to be not null |
| 3 | D\_04 | NotaValidator | The grade is not validated correctly, it should be at least 1 |
| 4 | D\_06 | Service | The service constructor implies that a file repository will be used, yet it actually uses XMLRepositories. |
| 5 | D\_06 | Main | The commented code hints at using file repositories while the actual instantiation uses XMLRepositories |
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|  | **Effort to review document (hours): 2** | |  |