Review Form

Document Title:	Requirements Phase Defects Checklist for Teaching Platform
Reviewer Name:	Robert Harangus, Iulia Groza
Review date:	March 1, 2024

Crt. No.	Checked Item	Doc. page/line	Comments/ improvements
1	General	General	**D_01:** The specification lacks details on user authentication and authorization. It's unclear how the system verifies the identity of teachers and ensures data privacy.
2	F7	Page 1/Line 35	**D_06:** The requirement for handling motivational delays and teacher's late grading is ambiguous. It should specify how the system determines a valid motivation and the process for teachers to enter grades post-deadline - i.e. adding new information for a *"Laboratory"* entry, such as *"Motivation"/"Post-deadline Grading"*.
3	F11	Page 1/Line 38	**D_02:** While several report types are mentioned, there's no mention of how these reports are generated, accessed, or formatted. Requirements should include specifics on report generation, user interface for accessing reports, and customizable report features.
4	Student Data - Students.txt	Page 1/Line 3	**D_06:** There's no mention of data validation or error handling for student data input. It's important to include requirements for verifying the correctness of data entered into the system and handling incorrect, incomplete data entries or GDPR issues.

5	F3	Page 1/Line 22	**D_05:** The requirement for student notification via email when a new laboratory theme is added or modified is not detailed enough. It lacks information on how the unsubscribe feature will work. Will there be a link in the email, or does the student need to perform this action within the application? This needs clarification.
6	F5	Page 1/Line 27	**D_01:** The specification does not mention how the system handles situations where a student's data (name, ID, etc.) changes during the semester. There should be a mechanism for updating student details in the NameStudent.txt file to ensure accuracy and consistency of information.
7	Data File Formats - Students.txt, Assignment.txt, Catalog.txt	General	**D_02:** The format and structure of the data files (Students.txt, Assignment.txt, Catalog.txt) are not specified - i.e. details such as file format (CSV, JSON, XML, etc.), encoding, and specific structure (fields order, mandatory fields, etc.).

Effort to review document (hours): 1

Review Form

Document Title:	Design Phase Defects Checklist for Teaching Platform
Reviewer Name:	Robert Harangus, Iulia Groza
Review date:	March 18, 2024

Crt. No.	Checked Item	Doc. page/line	Comments/ improvements
1	D_02	Page 4	Search student use case is missing
2	D_02	Page 5	Delete/update/search assignment and extend deadline use cases are missing
3	D_02	Pages 5-6	'Assign a lab theme to a student', 'Filter the students, assignments, themes and grades based on different criteria' and 'Generate reports based on student grades, laboratories and assignments' use cases are not implemented
4	D_02	Page 6	Use case n0. 9 is incorrect. There should be 4 different filter use cases, one for each entity
5	D_02	Page 6	Use case n0. 10 is incorrect. There should be 3 different generate report use cases, one for each entity
6	D_02	Page 7	The class names and field names do not correspond to the ones in the design doc
8	D_07	General	No detailed description for the classes and methods
9	D_03	General	Multiple error handling approaches in the code
10	D_04	General	Not structured using design patterns

Effort to review document (hours):1.5

Review Form

Document Title:	Coding Phase Defects Checklist for Teaching Platform	
Reviewer Name:	Robert Harangus, Iulia Groza	
Review date:	March 18, 2024	

Crt. No.	Checked Item	Doc. page/line	Comments/ improvements
1	D_01	Service/UI	When adding a student/ assignment, it should not ask for the id. It should auto generate a corresponding id
2	D_04	StudentValidator	When adding/updating a student, it should validate the email.
3	D_04	UI	When updating a student/ assignment, even if the update worked properly, it shows an error message saying that the student/ assignment has not been found. When the student/assignment to be updated doesn't exist, it shows a successful message.
4	D_01	Service	Cannot extend a deadline for an assignment, no matter the due date.
5	D_01	Service	When trying to add a grade, an error is shown saying that the assignment cannot be delivered anymore, no matter the input date
6	D_04	UI	Cannot delete/search (for) a grade (Says it doesn't exist). (It adds # between the student id and the grade)
7	D_04	UI	When showing all grades, it doesn't show the feedback for them.
8	D_04	UI	Wrong input is not handled

9	D_01	Service	Inconsistent error handling. An error that occurred when adding a student will redirect to the home menu.
10	D_06	Service	The names of the repositories in the Service are not corresponding to their types (type XMLRepo, name FileRepository)
11	D_01	AbstractCRUDRepository	In AbstractCRUDRepository, the id is not checked before deleting
12	D_04	MainApplication	The application should use txt files

Effort to review document (hours): 2