On the Exam Line

Seeded Defects Log

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Defect No.	Defect	Output Before Seeding	Output After Seeding	Suggested Correction	Severity
1	If there is a space character in the chapter or test name while creating a test, the test isn't added to the database. There are entries made where the test should go in, but all of them are empty.	The test name was added in the form table, the chapter name was added in the chapter table if the it is a new chapter, a new table with the chapter name is created and the test name is stored here too, a new table with the test name is created and all the questions, answers and options are saved here.	There is a blank space in the form table, table for chapter was created but table name was "_" irrespective of if the chapter existed or not. In the "_" table the questions, answers and options are stored. The table for the chapter is not created.	When getting the name of the chapter and test as inputs, remove all the spaces in the code itself to make sure the input is correct.	1
2	While creating an exam, the time limit and number of questions take only numbers, but 0 and negative numbers are accepted too.	If 0 or any number lower is entered, it is turned into a 0 and no spaces for questions ae displayed. It is a 0 in the database too.	This just affects the number of spaces displayed for the teacher to enter the questions, answers and options. If the number entered is 0 or less, no spaces are shown.	There has to be a check for the number entered and if it is less than 0, change it to 0.	3
3	Spaces in the username are accepted while making a new user, but a table with that same name has to be created which is not being made.	The space was automatically removed and there were no problems in the database.	A table for the user has to be created which will have the same name as the username. This table holds the chapters the user and take an exam for and as the table is missing, the user can't take any exams.	While getting the username as an argument remove all spaces by default so make sure this error doesn't happen.	3
4	If a user is created with no chapters selected, the table for the user is made with an empty row and no chapter name.	The table was created, but there were no entries or blank rows in it.	The table was created and there was a blank row. Later when the user went to take an exam, there was a blank option.	Include a check if a chapter was selected. Accordingly make an entry in the table or just create the	1

				table and have no entries.	
5	Spaces in the username are accepted while modifying an existing user, but a table with that same name has to be created which is not being made.	The space was automatically removed and there were no problems in the database.	A table for the user has to be created which will have the same name as the username. This table holds the chapters the user and take an exam for and as the table is missing, the user can't take any exams.	While getting the username as an argument remove all spaces by default so make sure this error doesn't happen.	3
6	When the user starts the exam, the back button can be used to go back and restart the exam.	The back button was disabled.	The back button can be used to restart the exam.	Disable the back button.	2
7	When the user starts the exam, the refresh button can be used to restart the test including the test timer.	When the user started the exam, the refresh button can be used to restart the test including the test timer.	When the user started the exam, the refresh button can be used to restart the test including the test timer.	We have no solution for this. We attempted to fix this, but it still isn't fixed.	2
8	When the grades are shown after the exam, the back button can be used to re-take the exam.	The back button was disabled so going back wasn't an option.	The back button can be used to retake an exam.	Disable the back button in code.	2
9	While using the clone exam function, the new exam name accepts spaces which creates problems in the database.	The spaces were automatically removed. Test was added in the form table, chapters table, table with chapter name was created, table with test name was created, all questions, answers ad options were stored in the test table.	Test was added in the form table, chapters table, table with chapter name was not created, table with test name was not created, all questions, answers ad options were not stored in the test table as it didn't exist.	When getting the name of the chapter and test as inputs, remove all the spaces in the code itself to make sure the input is correct.	1
10	The change time limit feature in modify exam accepts negative numbers.	If a negative number was entered, the original time limit was not changed.	The time limit is changed so when the student takes the exam, it is over as soon as the exam starts.	Check for negative numbers and accordingly change or don't change the time limit.	2

11	Modify number of questions feature doesn't account for the essay or MCQ flag. If the number of questions is increased, there is a confusion between the MCQ and essay questions.	The correct question had the correct flag and they were correctly displayed in the exam.	Some questions have the incorrect flag. This sometimes caused an essay question to show up as an MCQ with blank options.	While storing the new questions, keep track of all the flags and which ones have to be modified to accommodate the new questions.	1
12	Modify questions option accepts empty options.	The empty options were not stored and asked for again.	The empty options were stored so the user would have to guess which option is correct as only one of the 4 are correct.	Create a new variable to store the entered data, but without any whitespaces. Check if this variable is empty and accordingly make changes.	2
13	Once a test has been graded, it can be re-graded multiple times.	Once a test has been graded, it wouldn't show up as an option so regrading was not possible.	Already graded tests still show up and can be regraded.	Check if a test has been graded and don't show the test if it has.	3
14	A test can be modified after a user has taken it.	Once a test has been taken, it cannot be modified.	A test can be modified after a user has taken it. If the answers are changed, the correct ones can show up as incorrect and the incorrect ones can show up as correct while reviewing client answers.	Check if a test has been taken before allowing a teacher to modify it.	2
15	When a test has been deleted, if a user has taken it, the user's answers and the grades still stay in the database, but the test is deleted.	After a test has been deleted, all trace of that exam is removed from the database.	When a test has been deleted, if a user has taken it the user's answers and the grades still stay in the database, but the test is deleted.	A test name is used in only a few limited places so make sure it is being deleted from all those places.	2
16	When a user has been deleted, if that user has	After a user has been deleted, all trace of that user is removed.	When a user has been deleted, if that user has taken an	A user name is used in only a few limited	2

	taken an exam, the user's answers and the grades still stay in the database.		exam, the user's answers and the grades still stay in the database.	places so make sure it is being deleted from all those places.	
17	Multiple admins can log in from the same admin account so when they are editing the same test or user, only the latest changes are saved.	Multiple admins weren't allowed to log in.	Multiple admins can log in from the same admin account so when they are editing the same test or user, only the latest changes re saved.	Don't allow multiple admins to log in at the same time.	2
18	Multiple users can log in from the same account and if they are taking the same test, only the second one is recorded.	Multiple users aren't allowed to log in through the same account.	Multiple users can log in from the same account and if they are taking the same test, only the second one is recorded.	Don't allow multiple users to log in through the same account.	2
19	Selecting Existing User redirects to the wrong page.	Selecting Existing User directs the user to the existing user page.	Selecting Existing User directs the page to add user page.	Change redirection to the existing user page.	1
20	After entering the new number of questions when editing a test, we are redirected to a wrong page.	After entering the new number of questions when editing a test, we are redirected to the modify questions page.	After entering the new number of questions when editing a test, we are redirected to a the modify page.	Change redirection to modify questions page.	2
21	After putting the new time limit for the exam, we are redirected to the incorrect page.	After putting the new time limit for the exam, we are redirected to the modify test page with the appropriate test name in case there were more changes to be made.	After putting the new time limit for the exam, it redirects to the admin home page.	Change redirection to the modify test page.	3
22	When either password or username or both are incorrect, first error login has to be displayed then the login page again. It is just	When either password or username or both are incorrect, error login is displayed followed by the login page.	When either password or username or both are incorrect, the login page refreshes.	Change redirection to login page.	3

	refreshing the login page.			
23	On the Administrator page, selecting a category and clicking submit does not redirect to the correct page.	On the Administrator page, selecting a category and clicking submit does not redirect to the page that is selected.	On the Administrator page, selecting a category and clicking submit does not redirect to the appropriate page.	Add redirection for the appropriate page.	1
24	When the Create User option is selected on the admin page and submitted, it takes the user to the wrong page.	When the Create User option is selected on the admin page and submitted, it takes the user to the Create User page.	When the Create User option is selected on the admin page and submitted, it takes the user to the wrong page.	The correct link to the Create User option is not provided. It can be rectified by providing the correct link.	1
25	Selecting the Change Test Name option on the Modify Existing Test page redirects to the incorrect page.	Selecting the Change Test Name on the Modify Existing Test page redirects to the required page.	Selecting the Change Test Name on the Modify Existing Test page does not redirect the admin to the required page.	The link for redirection is not provided. This can be rectified by inserting the correct link.	1