

Test Case For Online Exam System

SR NO	TEST CASE ID	TEST OBJECTIVE
1	TC_Admin_01	Verify that the admin should able to create a new user.
2	TC_Admin_02	Verify that admin should able to modify user details.
3	TC_Admin_03	Verify the admin should able to delete a user.
4	TC_Admin_04	Verify the a temporary password should created for new u
5	TC_Admin_05	Verify that the admin should able to reset a user's passwor
6	TC_Trainer_01	Verify that trainer should able to create topic under subject
7	TC_Trainer_02	Verify that trainer should able to Add Question to Topic
8	TC_Trainer_03	Verify that trainer should able to Modify Existing Question
9	TC_Trainer_09	Verify that trainer should able to Remove Question from T
10	TC_Trainer_10	Verify that trainer should able to Configure Paper Pattern

11	TC_Trainer_11	Verify that trainer should able to modify paper pattern.
12	TC_Counselor_01	Verify counselor should able to register new student.
13	TC_Counselor_02	To check duplicate Student Registration
14	TC_Examiner_01	Verify examiner should able to create Batch and Add Stude
15	TC_Examiner_02	Verify the Set Exam Date and Time for Batch
16	TC_Examiner_03	To check Notification Email and SMS for Exam Allocation.
17	TC_Student_01	To check student appear for exam
18	TC_Student_02	To check student should able to Navigate Through Exam Q
19	TC_Student_03	To check student should able to Mark Question for Review
20	TC_Student_04	To check student should able to Submit Exam properly.
21	TC_Student_05	To check Remaining Time During Exam display properly.
22	TC_Student_06	To check student report generated after exam in PDF form
23	TC_Examiner_04	To check examiner should able to Send Certificate to Stude
24	TC_Student_07	To check Last 5 Minutes warning is display during exam.
25	TC_Trainer_12	To check unique ID for each question.

PRECONDITIONS	TEST STEPS
Admin is logged into the system.	1. Navigate to the User Management module. 2. Click on 'Create new User'. 3. Enter user details. 4. Click on 'Save' button.
Admin is logged into the system, user exists.	1. Navigate to the User Management module. 2. Select an existing user. 3. Modify user details. 4. Click on 'Save' button.
Admin is logged into the system, user exists.	1. Navigate to the User Management module. 2. Select an existing user. 3. Delete user details. 4. Click on 'Save' button.
Admin is logged into the system, user exists.	1. Navigate to the User Management module. 2. Click on 'Create new User'. 3. Enter user details. 4. Click on 'Save' button.
Admin is logged into the system, user exists.	1. Navigate to user management module. 2. Select an existing user. 3. Click 'Reset Password'. 4. Confirm the action.
Trainer is logged in to system.	1. Navigate to question bank. 2. Select subject. 3. Click 'Add Topic'. 4. Enter topic name. 5. Click on 'Submit' button.
Topic exist under subject.	1. Navigate to question bank. 2. Select subject and topic. 3. Click 'Add Question' 4. Enter question details 5. Click on 'Submit' button.
Question exists under topic.	1. Navigate to question bank. 2. Select subject and topic. 3. Select question 4. Modify details 5. Click on 'Submit' button.
Question exists under topic.	1. Navigate to question bank 2. Select subject and topic. 3. Select question. 4. Click 'Remove'. 5. Confirm action
Trainer is logged in to system.	1. Navigate to paper pattern configuration 2. Select subject 3. Set paper pattern details 4. Submit

Paper pattern exists	<ol style="list-style-type: none"> 1. Navigate to paper pattern configuration 2. Select existing pattern 3. Modify details 4. Submit
Counselor logged in	<ol style="list-style-type: none"> 1. Navigate to student registration 2. Enter student details 3. Submit
Student with same email already exist	<ol style="list-style-type: none"> 1. . Navigate to student registration 2. Enter details with existing email 3. Submit
Examiner logged in	<ol style="list-style-type: none"> 1. Navigate to batch management 2. Create new batch. 3. Add students 4. Submit
Batch exist	<ol style="list-style-type: none"> 1. Navigate to exam scheduling 2. Select batch 3. Set date and time 4. Click on 'Save' button.
Exam scheduled for batch	<ol style="list-style-type: none"> 1. Schedule exam for batch 2. Check email and SMS for students
Student registered and exam allocated	<ol style="list-style-type: none"> 1. Login with student ID 2. Navigate to exam 3. Start exam.
Exam started	<ol style="list-style-type: none"> 1. Start exam 2. Click 'Next' and 'Previous' buttons to navigate.
Exam started	<ol style="list-style-type: none"> 1. Start exam 2. Mark a question for review
Exam started	<ol style="list-style-type: none"> 1. Start exam 2. Answer questions 3. Click 'Finish' button.
Exam started	<ol style="list-style-type: none"> 1. Start exam 2. Check time remaining display
Exam completed	<ol style="list-style-type: none"> 1. Complete exam 2. Check for report generation
Student passed the exam	<ol style="list-style-type: none"> 1. Generate student report 2. Check for certificate email
Exam started and within last 5 minutes of duration	<ol style="list-style-type: none"> 1. Start exam 2. Wait until the last 5 minutes
Trainer must be logged in.	<ol style="list-style-type: none"> 1. Navigate to Question bank. 2. Add multiple questions. 3. Check the question IDs.

TEST DATA	EXPECTED RESULT
Admin UID Admin Pass	New user is created, and a confirmation message is displayed.
Name: John Smith Email: john@example.com Password: temp1234	User details are updated, and a confirmation message is displayed.
Username:anna123	User is deleted, and a confirmation message is displayed.
NA	Temporary password is created and displayed.
Username: anna123	User's password is reset, and a confirmation message is displayed.
Topic: Agile Methodology	New topic should added successfully.
Question: What is QA? Options: A, B, C, D Answer: C	Question should be added successfully.
Modify answer to D	Question should be modified successfully
Question: What is QA? Options: A, B, C, D Answer: C	Question should be removed successfully
Topics: Agile, SDLC Questions: 5 easy, 5 medium, 5 difficult Time: 30 minutes Pass: 40%	Paper pattern should be configured successfully

Change time to 45 minutes.	Paper pattern should be modified successfully
First Name: Anna Name: Johnson annaj123@gmail.com Receipt: 1234	Last Email: Fee Student should be registered and a unique ID generated
Email: annaj123@gmail.com	Error message should be displayed indicating duplicate registration.
Batch: A Students: Anna Johnson, Devid Smith	Batch should be created and students added successfully
Date: 2024-07-01 Time: 10:00 AM	Exam date and time should be set successfully
NA	Students should receive notification email and SMS with details
Student ID: anna123 Password: temp1234	Student should be able to start the exam
NA	Student should be able to navigate through questions
NA	Question should be marked for review
NA	Time remaining should be displayed to student
NA	Time remaining should be displayed to student
NA	Student report should be generated in PDF
NA	Certificate should be sent to student email
NA	Warning should be displayed when 5 minutes are remaining
NA	Each questions has a unique ID.

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