

Test Scenarios for Online Exam

SR NO	MODULE NAME
1	ADMIN
2	TRAINER
3	COUNSELOR
4	EXAMINER
5	STUDENT

ONLINE EXAMINATION EN

SR NO
1
2
3
4
5

ONLINE EXAMINATION EN

SR NO
1
2
3
4
5

n System

FUNCTIONAL TEST SCENERIOS	
1. Verify that admin can create new user.	
2. Verify that admin can modify an existing user's details.	
3. Verify that admin can delete the user.	
4. Check user IDs are unique and at least 6 characters long.	
5. Verify the creation of temporary password to new users.	
6. Verify that users must reset their password on first login.	
7. Verify that existing user can reset password.	
8. Verify the addition of a new subject.	
9. Verify the removal of existing subject.	
10. Verify the allocation of the subjects to trainer.	
1. Verify that trainer can create topics under a subject.	
2. Verify the addition of new questions to a topic.	
3. Verify the modification of existing questions.	
4. Verify the removal of questions from the question banks.	
5. Verify the ability to view questions in the question bank.	
6. Ensure each question is saved with unique ID.	
7. Verify the settings of Question's difficulty level.	
8. Verify the assignment's marks based on difficulty level.	
9. Verify Configuration of paper pattern.	
10. Verify the selection of topics for paper pattern.	
11. Verify the setting of the number of questions per topic in a paper pattern.	
12. Verify the setting of the time duration for exams.	
13. Verify the setting for passing percentage for exams.	
14. Ensure passing percentage is not less than 40%.	
15. Verify the modification of existing paper pattern.	
16. Verify the random selection of questions from the question bank for an exam.	
1. Verify student registration upon receipt of exam fees.	
2. Ensure the capture of mandatory student data during registration.	
3. Verify the creation of unique ID's for registered students.	
1. Verify the creation of student batches.	
2. Verify the addition of registered students to batches.	
3. Verify the settings of exam dates and times for batches.	
4. Ensure notification emails are sent to students upon exam allocation.	
5. Ensure the notification SMS are sent to students upon exam allocation.	
6. Verify the inclusion of exam ID and one-time password in notification.	
7. Verify the generation of individual student reports in PDF format after exams.	
8. Verify the ability to send certificates to students via email.	
1. Verify the ability to login with assigned ID and password.	
2. Verify the ability to navigate between questions.	
3. Verify the ability to mark questions for review.	
4. Verify the ability to submit the exam at any point within time limit.	

5. Ensure display of remaining time during the exam.
6. Ensure the warning message displayed when the five minutes are remaining.
7. Verify the display of exam results after submission.
8. Ensure the result includes student details, subject, total-percentage, pass/fail status, and grade.

ENGINE: NON-FUNCTIONAL TEST SCENARIOS

NON-FUNCTIONAL TEST SCENARIOS
Ensure the system supports 500 concurrent students during exams.
Access the system's ease of use for all the user roles
Verify the digital security of student certificates to prevent unauthorized changes.
Ensure each new question loads within 3 seconds during the exam
Verify the system's uptime and reliability during high traffic condition.

ENGINE: END-TO-END TEST SCENERIOS

TEST SCENERIOS
Verify the complete workflow from student registration to exam allocation and notification.
Test the creation of an exam by the trainer and its allocation by the examiner, followed by student participation and results.
Ensure the workflow of creating a new subject by the admin, adding questions by the trainer, and conducting exams.
Ensure the workflow of creating student batches by the examiner, adding students, setting exam dates, and sending notifications.
Verify the complete process of a student logging in, taking the exam, viewing results, and receiving the certificates via email.

result generation.

ifications.

a email.