

Test Scenarios for Online Exam System	
Functional	
Module	Admin
Positive Scenarios	
Sr No	Test Scenario
1	To verify that Administrator should be able to create, modify and remove users from the system. Using Valid Data
2	To verify the user id generation
3	To verify Admin should be able to add new subject and remove existing subject using valid data
4	To verify Admin should be able to allocate subjects to Trainers using valid data
Negative Scenarios	
1	To verify Administrator should not be able to create, modify and remove users from the system. Using Invalid Data
2	To verify Admin should not be able to add new subject using invalid data

Module	Trainer
Positive Scenarios	
Sr No	Test Scenario
1	To verify that Trainer should be able to create topics under the subject
2	To verify that Trainer should be able to remove, modify and view questions
3	To verify the adding question functionality using valid data
4	To verify the mark allocation functionality
5	To verify that Each question should get saved with unique ID
Negative Scenarios	
1	To verify that Trainer should not be able to create topics under the subject using invalid data
2	To verify that duplicate question should not be added

Module	Paper Pattern Configuration
Positive Scenarios	
Sr No	Test Scenario
1	To verify that Trainer should be able to configure paper pattern for the subject allocated to him
2	To verify the Selecting topics to be included in paper
3	To verify the Setting number of questions per topic to be included in paper
4	To verify the Setting time duration for exam using valid data
5	To verify Setting passing % using valid data
6	To verify that Trainer should be able to modify paper pattern
7	To verify that Once exam is created by examiner, the questions need to be selected from question bank based on the exam configuration. Randomization should be done for the question sequence
Negative Scenarios	
1	To verify that Trainer should not be able to configure paper pattern for the subject not allocated to him
2	To verify that user should not be able to select time duration using invalid data
3	To verify user should be able Set passing % using invalid data

Module	Counselor
Positive Scenarios	

Sr No	Test Scenario
1	To verify that Once counselor receives exam fees from students, he should register student.
2	To verify that councellor should collect mandatory data for student using valid data
3	To verify that Unique ID should be created for each student after registration
Negative Scenarios	
1	To verify that user should not be registered if fees is not paid
2	To verify the user should not prcoeed with registration on invalid data adding

Module	Examinier
Positive Scenarios	
Sr No	Test Scenario
1	To verify that Examiner should be able to create a batch and add registered students to the batch
2	To verify that Examiner should be able to set exam paper date and time for a batch
3	To verify that Notification email and SMS should be sent to students once they are allocated an
4	To verify that Notification should include exam ID and one time password for the student
5	To verify that Password should be autogenerated by the system
6	To verify that System should be generate individual student's report in PDF format after completion of exam
7	To verify that Examiner should be able to send certificate to student on email
Negative Scenarios	
1	To verify that examiner should not be able to create batch without minimun no of students
2	To verify that Examiner should be not able to set exam paper date and time for a batch with invalid
3	To verify that system should not generate the report if exam is not attended or not submitted
4	To verify that Examiner should not be able to send certificate to student on invalid email id

Module	Student
Positive Scenarios	
Sr No	Test Scenario
1	To verify that Students are allowed only one attempt for exam
2	To verify that Registered students should be able to appear for the exam with the assigned ID and password
3	To verify that Students should have ability to move to previous and next question with or without answering current question
4	To verify that Student should be able to mark question for review
5	To verify that Student can finish exam at any point of time within the time limit set for the paper
6	To verify that Time remaining should be displayed to student
7	To verify that Warning should be displayed when last 5 minutes are remaining
8	To verify the student result
9	To verify that Student should be able to unamrk question for review
10	To verify exam auto submit functionality
11	To verify the student grade
Negative Scenarios	
1	To verify that students should not login again after one attempt
2	To verify that Registered students should be not able to appear for the exam with the invalid assigned ID and password
3	To verify the time duration if the exam was paused due to some issues
4	To verify that result should not be generated if exam was closed and paper not submitted
5	To verify that grade should not be generated if exam was closed and paper not submitted

Non Functional	
1	To verify that 500 students should be able to appear for exam concurrently
2	To verify that system should be easy to use for students, Trainers and other users.
3	To verify that Student certificates should be digitally secured (no one should be able to make change in the certificate)
4	To verify that Every new question in student module should get loaded within 3 seconds during examination

End to End	
1	Admin adds the users, allocate the subject to trainer, add and remove subject
2	Trainer should be able to create question bank , add , modify, remove questions , allocate difficulty level , allocate marks
3	Trainer should be able to configure paper pattern , select difficulty level , select passing marks %
4	Councillor should able to register student
5	Examiner should be able to create batch and allocate exam
6	Student should be able to attempt exam and view his result