S.No	Category	Description	Expected Result	Actual Result
1	Registration	User is able to register by providing first name, last name, username and password		
2	Registration	System should display username and password guidelines to users		
3	Registration	System validates the credentials; dispays an error message if user provides invalid username and password and asks user to choose valid credentials		
4	Registration	If user enters valid credentials, system checks if the entered credentials already exists in the the users table. If credentials exists, system asks the user to choose different credentials		
5	Registration	System inserts the credentials in the users table if the user enters valid credentials. A unique ID is created for the user in users table		
6	Login	System displays the login page where user can enter username and password and login to the system		
7	Login	System checks the entered credentials in the users table; displays an error message if incorrect credentials are entered and asks user to re-enter credentials		
8	Login	If correct credentials are entered, user is taken to the Home page		
9	HomePage-Student	Student homepage should display the buttons – Start, View Result, Update Profile and Quiz rules		
10	HomePage-Student	Quiz should start when student clicks on "Start" button		
11	HomePage-Student	Quiz result should be displayed when student clicks on "View Result" button. What is shown in View Result page?		
12	HomePage-Student	Profile page should be displayed when student clicks on "Update Profile" button. User should be able to edit profile; save changes or cancel changes		
13	HomePage-Student	Quiz rules should be displayed when stuent clicks on "Quiz Rules" button. A new window or a popup screen?		
14	HomePage-Admin	Admin homepage should display the buttons – Start, View Result, Question settings (Add, remove or update questions), Update Profile. (Check the options displayed)		
15	HomePage-Admin	Admin should be able to select a quiz and click on Start to start the quiz		
16	HomePage-Admin	Quiz result should be displayed when admin clicks on "View Result" button. What is shown in View Result page?		
17	HomePage-Admin	Admin should be able to add, remove or update questions/answers in questions table in the Question settings page		
18	HomePage-Admin	Profile page should be displayed when admin clicks on "Update Profile" button. Admin should be able to edit profile; save changes or cancel changes		
19	Play Quiz-Student	The quiz name should be displayed in quiz page		
20	Play Quiz-Student	Each quiz consists of 10 questions		
21	Play Quiz-Student	Each question has a set of possible answers (maximum 4)		
23	Play Quiz-Student	Timer is displayed when question appears on screen		
24	Play Quiz-Student	Student is able to choose an answer by clicking on the answer		
25	Play Quiz-Student	When a student chooses the correct answer before time runs out, timer stops. The other students should not be able to select an option once the timer stops.		
26	Play Quiz-Student	After quiz finishes, the result is inserted into user_result table		
27	Play Quiz-Student	Student should be able to see feedback after quiz finishes		
28	Play Quiz-Student	Student should be able to view result after quiz finishes (and after anwering a question?)		
29	Play Quiz-Student	Student should b able to view the historical result data from user_result table after quiz finishes		
30	Play Quiz-Student	Student should be able to click on the close buttom to exit the quiz		
31	Play Quiz-Admin	Admin should be able to click on start button to start the quiz once all students have logged in		
32	Play Quiz-Admin	Admin should be able to see the result after each question is answered		
33	Play Quiz-Admin	Admin should be able to see the result summary after quiz finishes		
34	Play Quiz-Admin	Student should be able to click on the close buttom to exit the quiz		
35	Server-Client	System ensures that all clients and server are synchronised		
36	JDBC	Database connection is established from JDBC		