**ALGORITHM FOR ONLINE QUIZ APP**

**User Module:**

Step 1: Begin.

Step 2: Take inputs of email and password from the user.

Step 3: If user exists with the email, then go to Step 4 or else go to Step 6.

Step 4: Check if the user’s password is correct or not, if correct, then go to Step 7, or else go to Step 5.

Step 5: Print “Incorrect Credentials”.

Step 6: Create a new user with the given email and password, and go to Step 7.

Step 7: take to dashboard page displaying all the quizes.

Step 8: Click on attempt button, then it will take to a page showing quiz details and start button.

Step 9: Click on start button, then start selecting a option and clicking on submit to go to next question.

Step 10: After completing all the questions, it will take to the leader board page, where it will display all the user scores of that particular quiz.

Step 11: If user wants to take more quiz, then go to Step 7, or else go to Step 12.

Step 12: Click on Logout.

Step 13: End.

**Admin Module:**

Step 1: Begin.

Step 2: Take inputs for email and password from the user.

Step 3: If email = “admin@gmail.com” and password = “password”, then go to Step 5, or else go to Step 4.

Step 4: Print “Incorrect Credentials”;

Step 5: Take to admin dashboard page displaying the quiz list.

Step 6: Click on Category to add or view categories.

Step 7: Click on Quiz to add or view quizes.

Step 8: Click on Questions to add or view questions.

Step 9: Click on logout.

Step 10: End.