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## **1.INTRODUCTION**

Interactive Quiz application is a dynamic application which facilitates users to take quizzes online through web portal or as well through a mobile application. Details of the tests taken with their results are accessible to the user at any time. Users can take tests, retake tests and view written tests results in this application.

The application is interactive which can be installed on any mobile devices like ANDROID or IOS platforms. The application can speak out loud with the user and provides a flexibility to scribble while test going on. The results for each session will be shown with a time stamp and the right answers are also shown to enable to user to validate his answers and perform well for the next sessions.

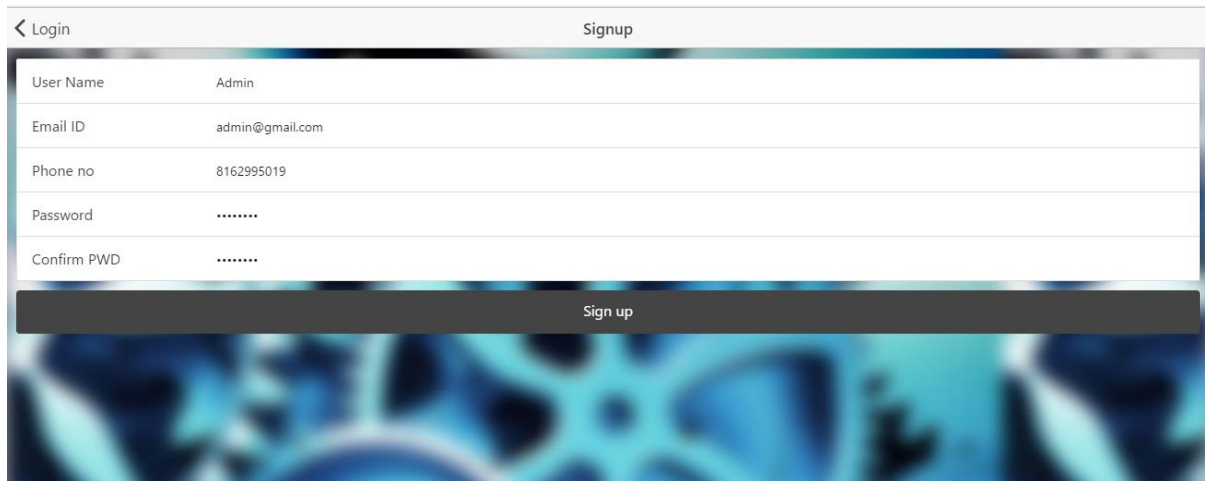
## 2.INSTALLATION

Like any other mobile applications, it is also will get installed through an apk(android) file. App permissions will be given at the time of installing itself. App will be installed with an app name Interactive Quiz application.



### 3.REGISTRATION

Below steps are necessary for the creation of a user on any of the web & mobile platforms.

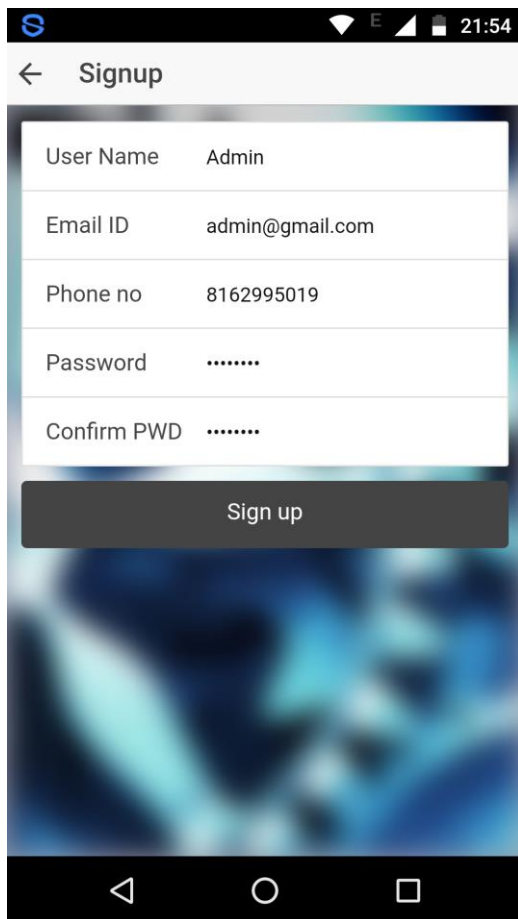


A screenshot of a web browser showing a registration form. The page has a header with a back arrow and 'Login' on the left, and 'Signup' on the right. The form contains five input fields: 'User Name' with the value 'Admin', 'Email ID' with 'admin@gmail.com', 'Phone no' with '8162995019', 'Password' with masked characters '.....', and 'Confirm PWD' with masked characters '.....'. Below the form is a dark grey button labeled 'Sign up'. The background of the page is a blurred blue and white pattern.

User Name	Admin
Email ID	admin@gmail.com
Phone no	8162995019
Password	.....
Confirm PWD	.....

Sign up

Registration page on mobile:

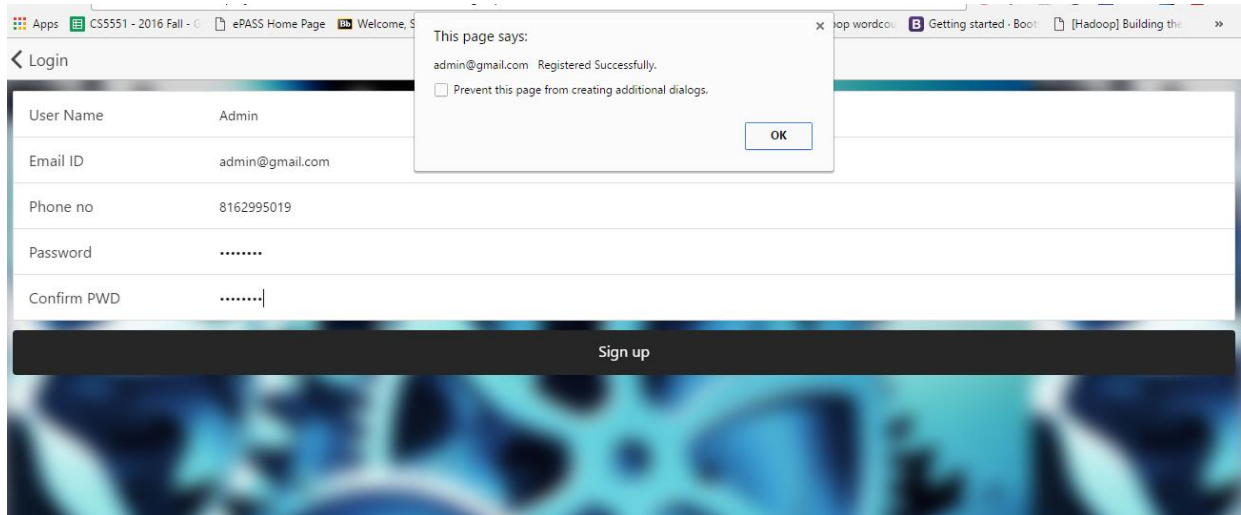


A screenshot of a mobile application showing the same registration form as the web version. The top status bar shows a signal icon, Wi-Fi, battery, and the time 21:54. The app header has a back arrow and 'Signup'. The form fields are identical to the web version: 'User Name' (Admin), 'Email ID' (admin@gmail.com), 'Phone no' (8162995019), 'Password' (.....), and 'Confirm PWD' (.....). A dark grey 'Sign up' button is at the bottom of the form. The background is a blurred blue and white pattern. The bottom of the screen shows the Android navigation bar with back, home, and recent apps icons.

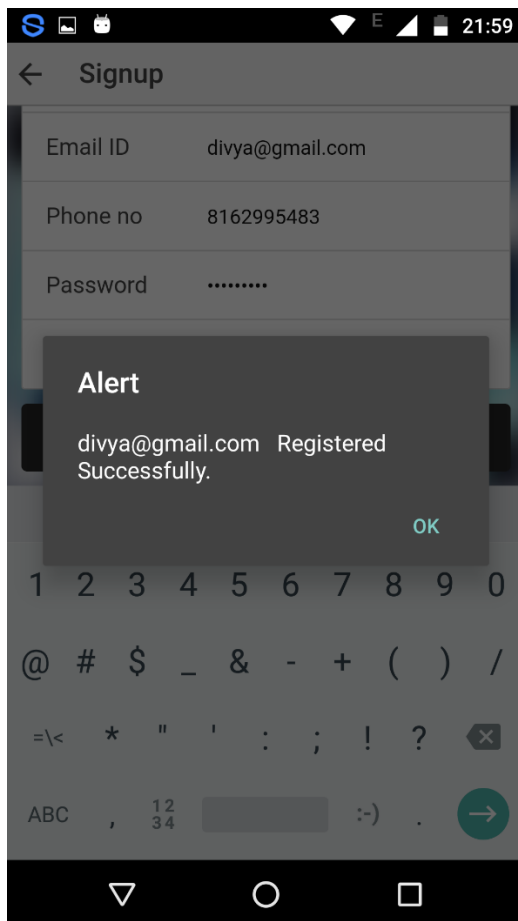
User Name	Admin
Email ID	admin@gmail.com
Phone no	8162995019
Password	.....
Confirm PWD	.....

Sign up

Registration successful on web:

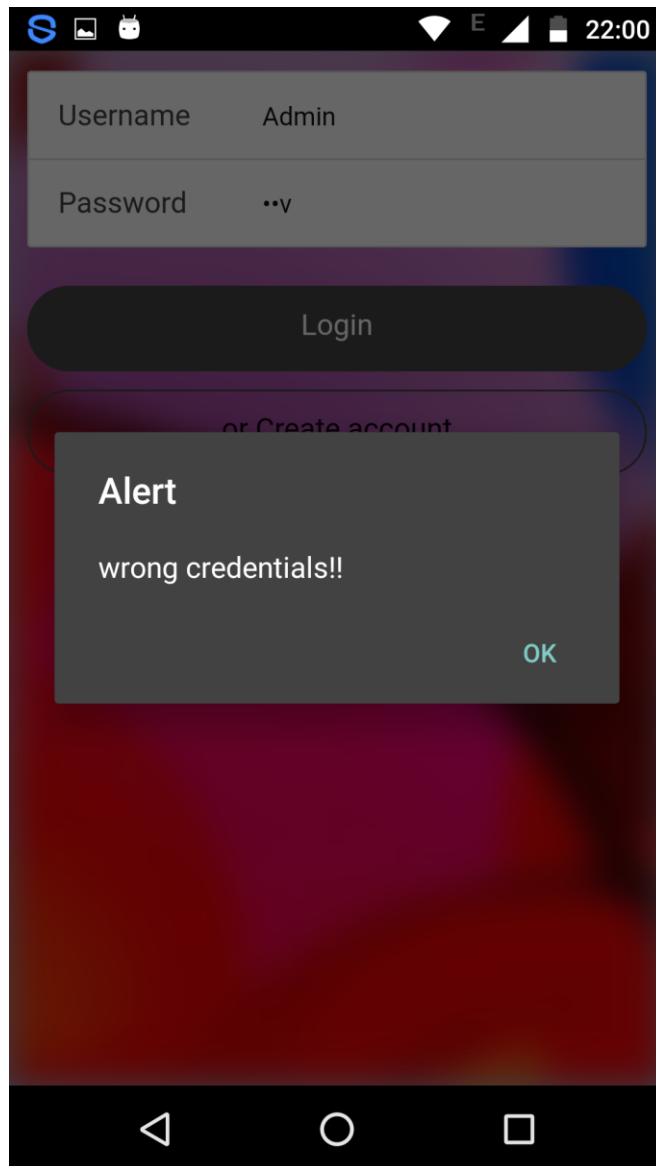


Registration successful on mobile:



### 3.1. USER CONSTRAINS

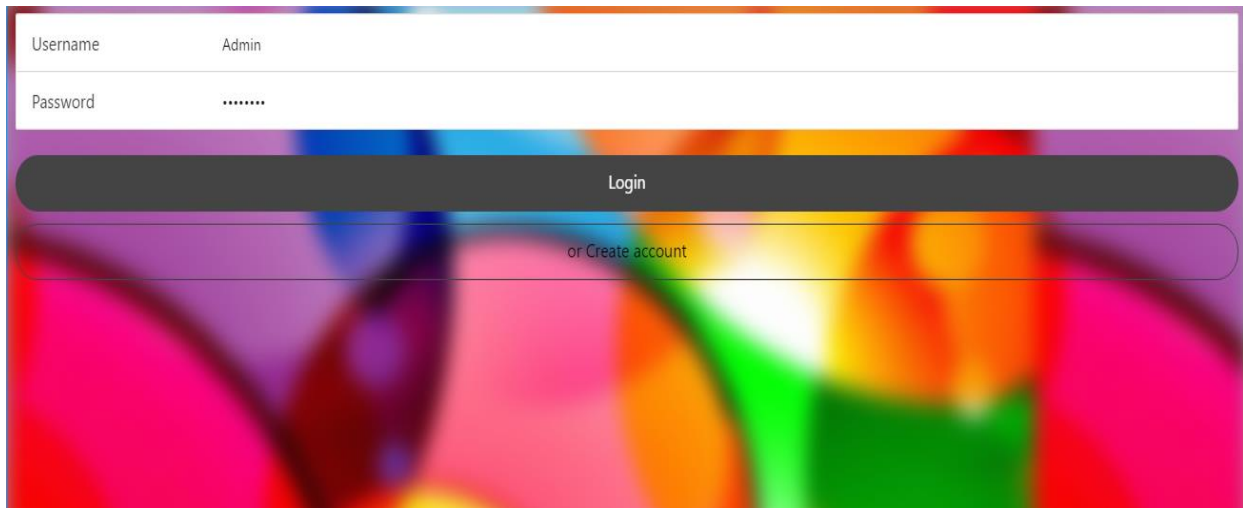
While registering few constraints like password matching and password policy length should be greater than 8 digits.



## 4. QUIZ

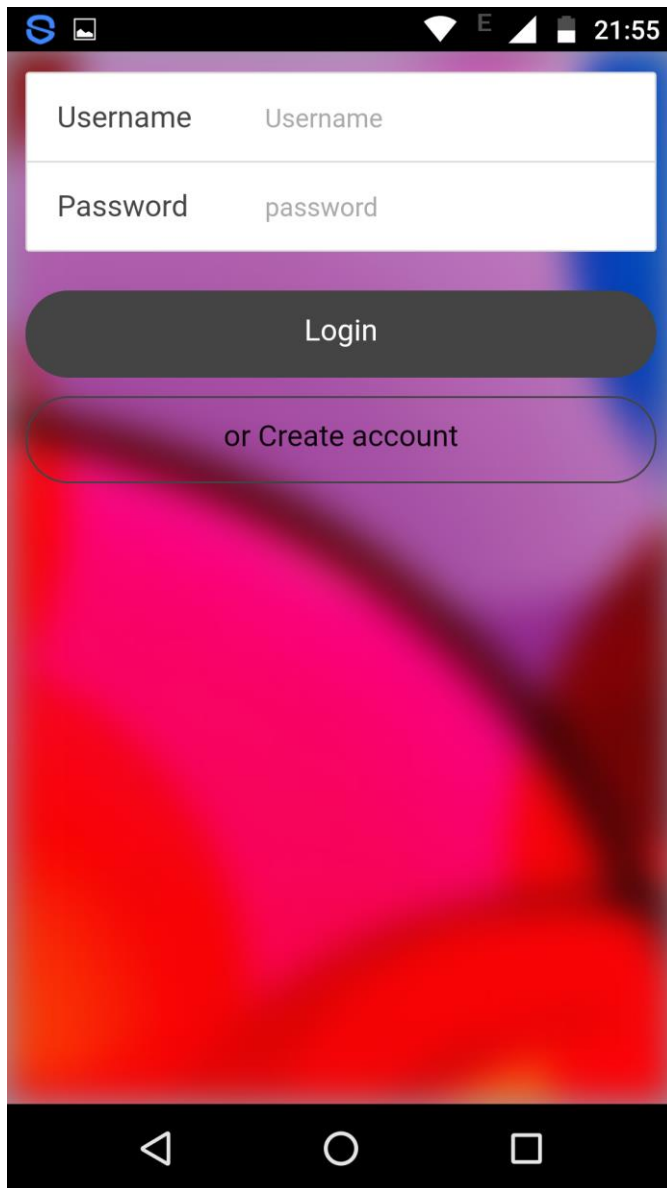
### 4.1. LOGGING INTO APPLICATION

Login page on web:

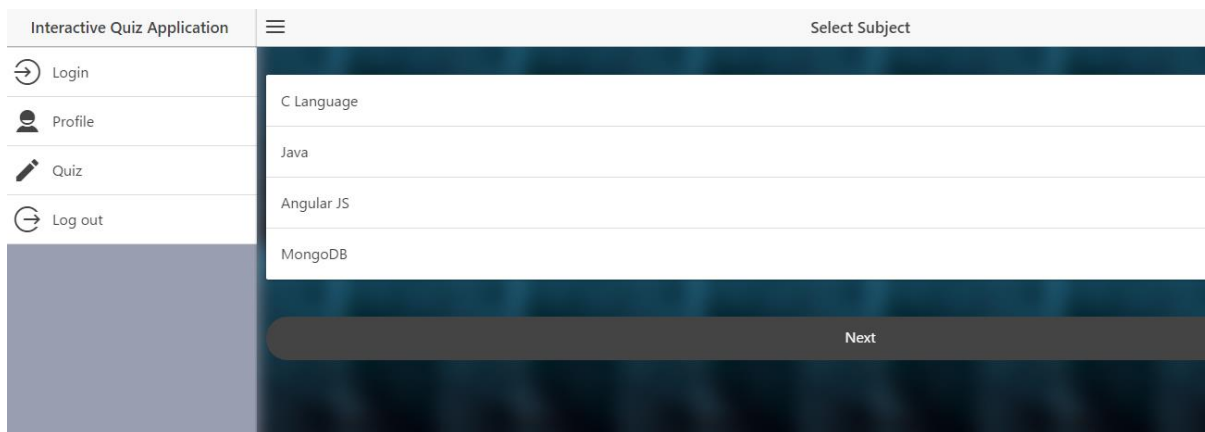
A screenshot of a web login page. It features a white login form on a background of colorful, abstract, blurred shapes in shades of purple, pink, orange, and green. The form has two input fields: 'Username' with the text 'Admin' and 'Password' with masked characters '.....'. Below the fields are two buttons: a dark grey 'Login' button and a light purple 'or Create account' button.

Username	Admin
Password	.....
<a href="#">Login</a>	
<a href="#">or Create account</a>	

Login page on mobile:

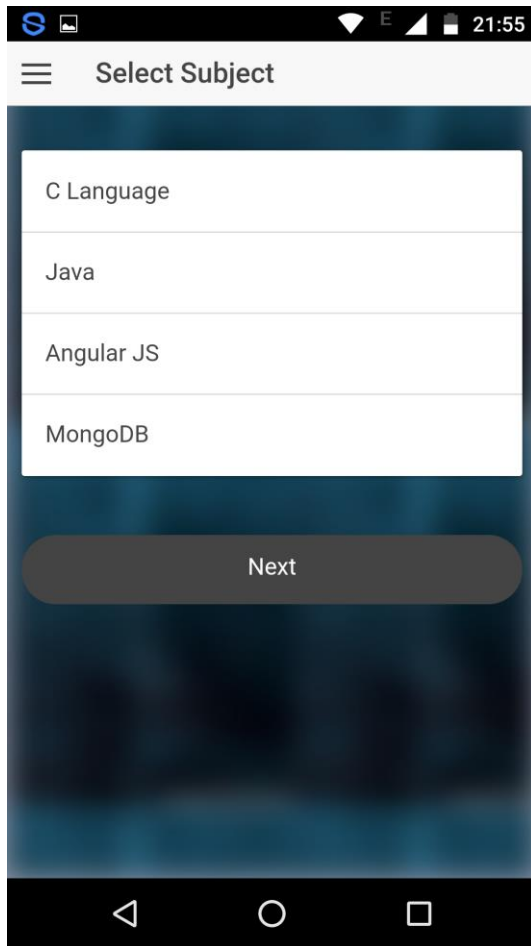


Home page on web:



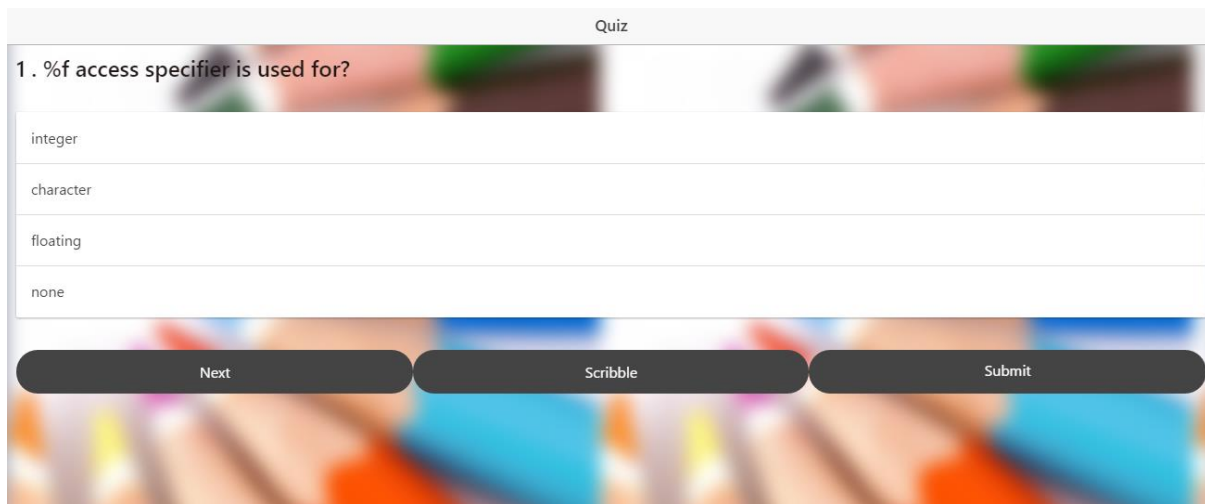


Home page on mobile:



## 4.2. TAKING THE QUIZ

Quiz page on web:



Quiz

1 . %f access specifier is used for?

☐ integer

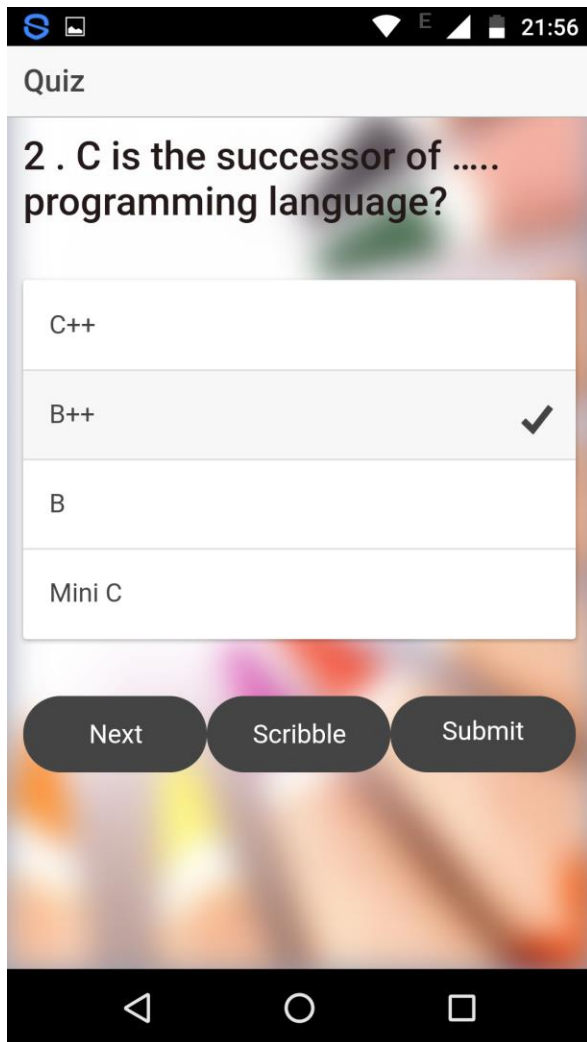
☐ character

☐ floating

☐ none

Next Scribble Submit

Quiz page on mobile:



## 5. FEATURES

### 5.1. INTERACTING WITH USER

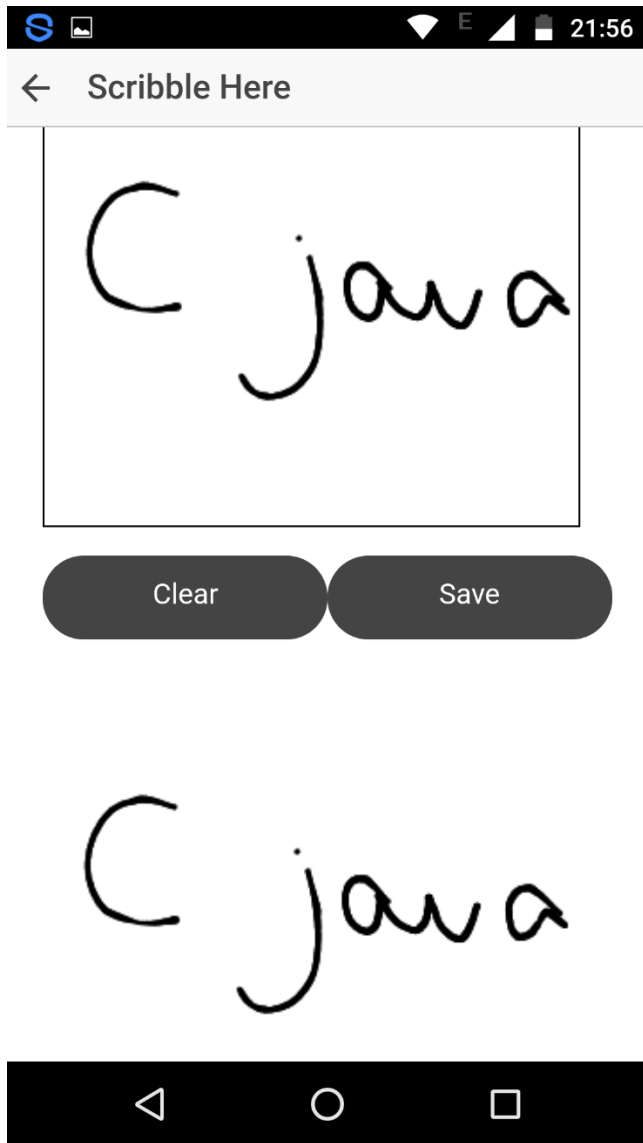
Application is interactive. It will speak out loud the quiz questions and options upon tapping those questions and options.

## 5.2. SCRIBBLE PAD

Scribbling pad on web:



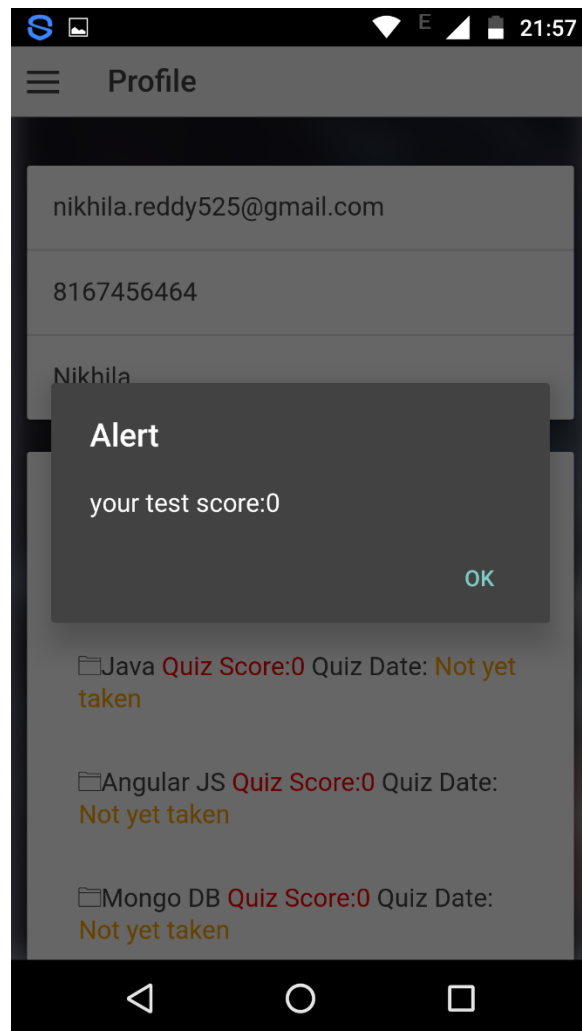
Scribbling pad on mobile:



## 6. RESULTS

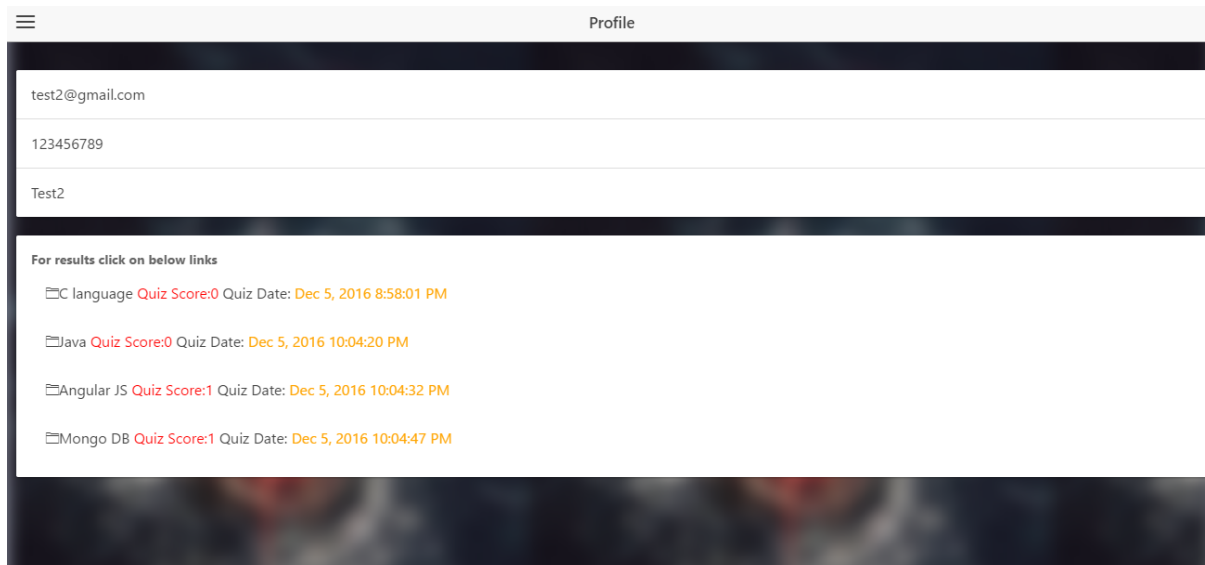
### 6.1. REPORTING SCORE

Score will be reported instantaneously upon submitting the quiz. There is a prevalence to submit the quiz even in the middle , one will be evaluated only for those questions he/she has taken till the time of submission.

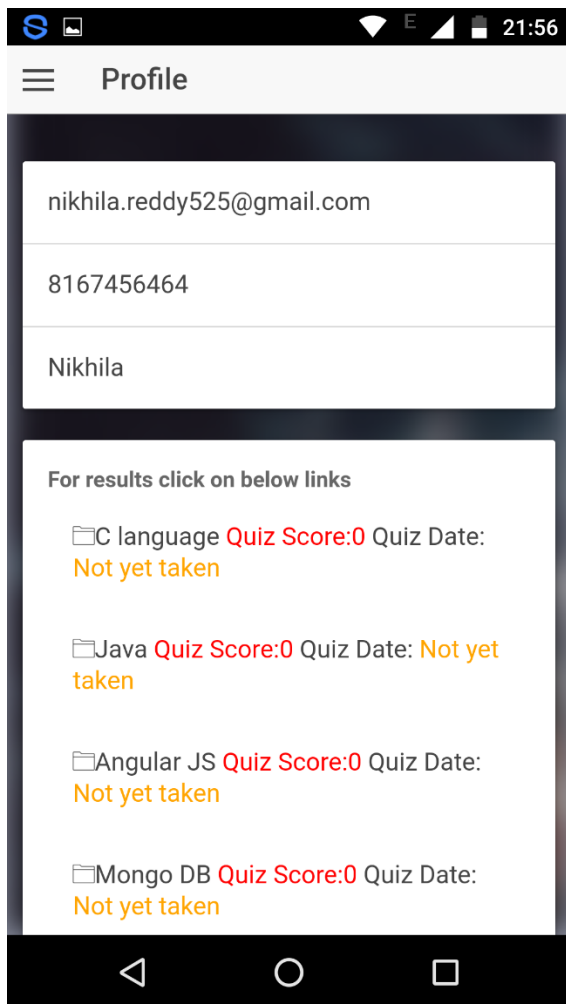


## 6.2. SHOWING RESULTS

Profile page on web:



Profile page on mobile:



Attempted questions and answers after the test is done on web:

Profile	Results
1. %f access specifier is used for?	
Your Answer: character	
Right Answer: floating	
2. Not attempted.	
Your Answer:	
Right Answer:	
3. Not attempted.	
Your Answer:	
Right Answer:	

Attempted questions and answers after the test is done on mobile:

S	23:13
Results	
1. What is (void*)0?	
Your Answer: Symbolize the void pointer	
Right Answer: Symbolize the NULL Pointer	
2. Which of the following is a logical operator?	
Your Answer: !	
Right Answer: All of the above	
3. int x=~1; What is the value of 'x'?	
Your Answer: 2	
Right Answer: -2	



