

QUIZZIT ADMIN / QUIZZIT

REFERENCE GUIDE

106118022

PROJECT BASIC DESCRIPTION:

(Initial update)

This quiz project contains two modules which are admin module and student/participant module. This project uses the firebase to store and retrieve the data so internet connectivity is necessary for using. It is a MCQ's based questions quiz app.

Admin module is implemented using the QuizAdmin app and student or participant module is implemented using the Quizzit app.

The admin would be able to upload different departments , different sets in departments and questions in respective sets. He can also delete departments , sets and questions. He can also edit questions which are already added. An interesting feature of this app is that we can add multiple questions using excel file containing questions provided in valid format.

No registration as admin in quiz admin because I assumed one administrator would be collecting all the questions and set and departments details in which they are kept. He would do all updates in it. If needed to add multiple

admins it could be done easily by adding some queries to firebase.

The participant (quizzit app user) have to choose respective set in corresponding department to attempt quiz. An interesting feature here is whenever the user needs to attempt a quiz in a selected set then he needs to enter a set code.If it is valid then only he would be able to enter the test .The admin will have the code in his app and he can even modify it whenever he wants. So when the participant enters valid set code then he could attempt the test and get his score. He can also bookmark the questions if he wants and they are stored using shared preferences so even offline they would be available.

(update 2)

Added a functionality of timer for each question in quiz app.So that if the user doesn't select his option within a countdown time then the correct option will be chosen and score is not counted for it.

(update 3)

Added a functionality such that if the participant tries to go to another app or moves app to background while attempting questions i.e , if onPause() method of questionsActivity is called then the user will automatically moved to Dashboard with whatever score he got upto that time.

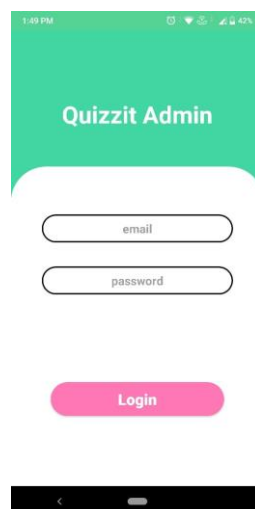
HOW TO USE :

Note: Since it is a quiz app as it doesn't need any dynamic changes (like student opens when admin gives code so in between an exam there will be no changes) so it is implemented as like the changes made in quiz admin will be reflected when the quizzit app is opened after that update (oncreate() to be called).

UPDATE1:

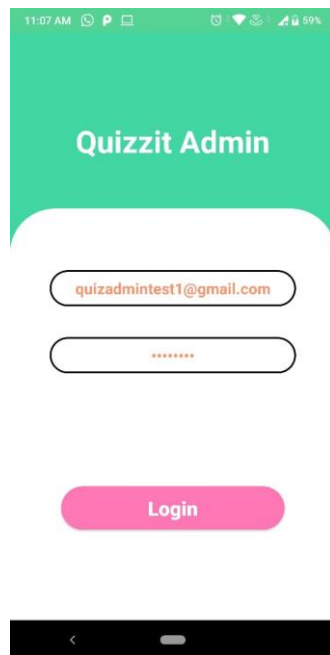
i) QUIZ ADMIN:

Login page :



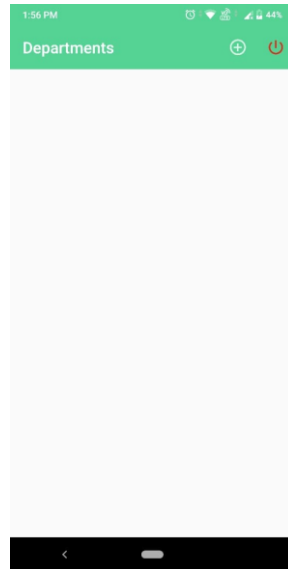
valid credentials : quizadmintest1@gmail.com

password

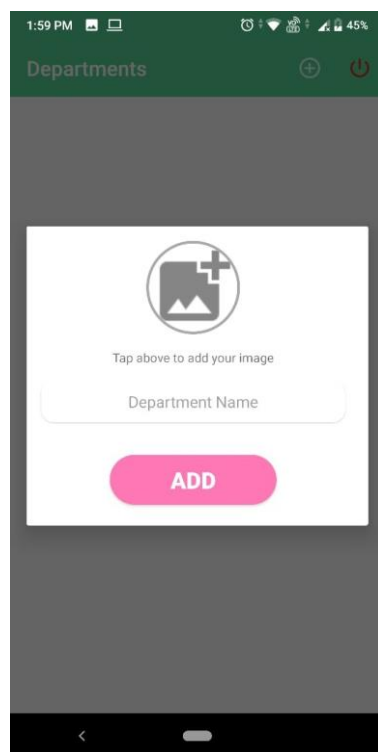


So, then we enter department activity where we can add departments, delete existing departments and logout.

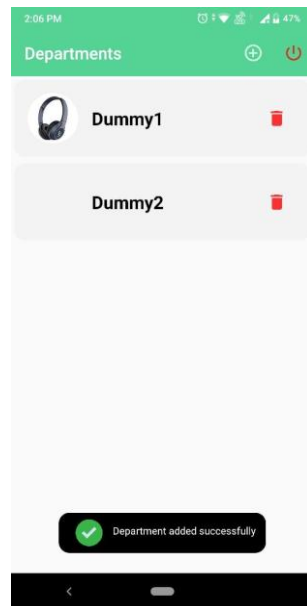
Department Activity: (Initially without any departments)



clicking on add icon :

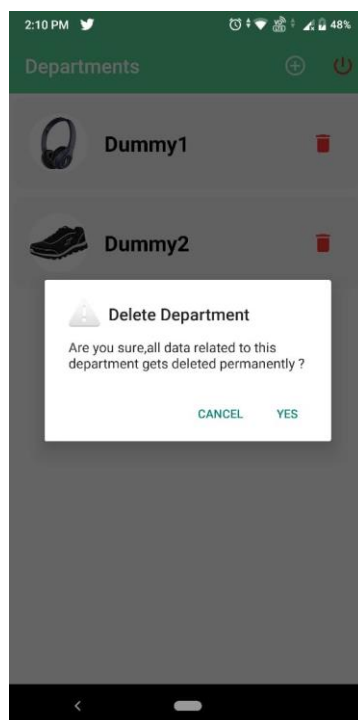


After selecting photo and valid department name (Not repeating) , clicking on add :

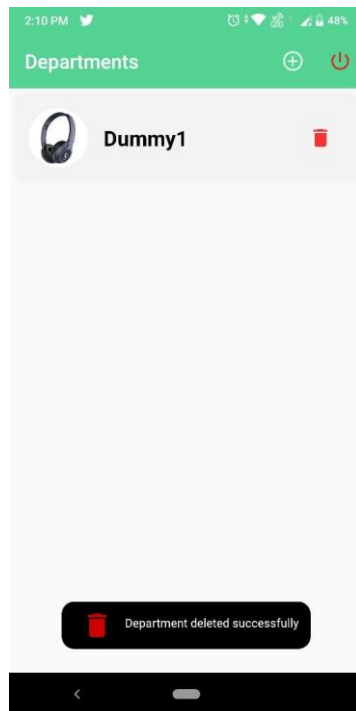


(added 2 departments, 2nd image is loading(not error))

We can delete activity by clicking on corresponding delete icon:

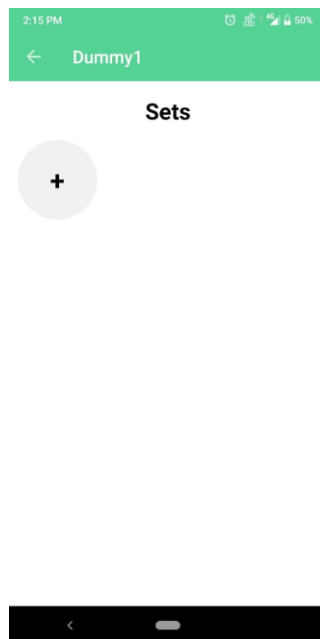


After clicking yes :



On clicking any department we go to its sets activity .

Sets Activity: (Initially with 0 sets)

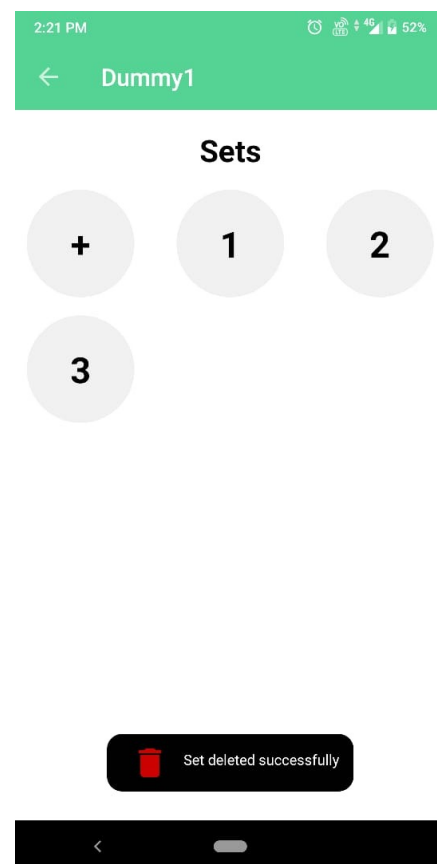
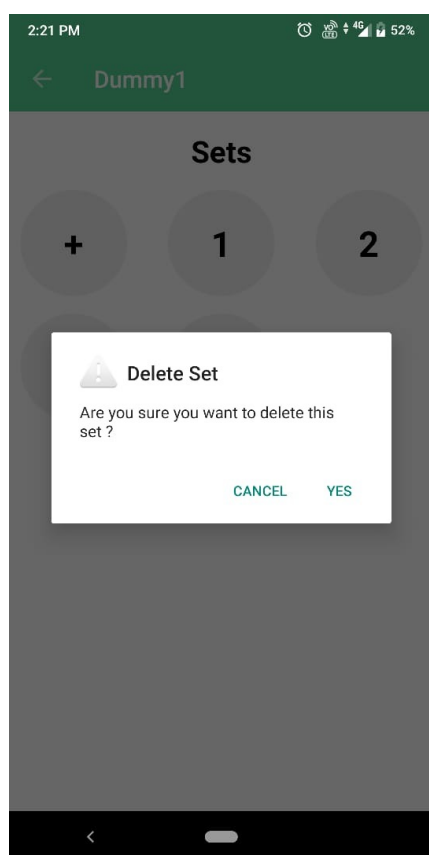


After clicking on (+) icon :



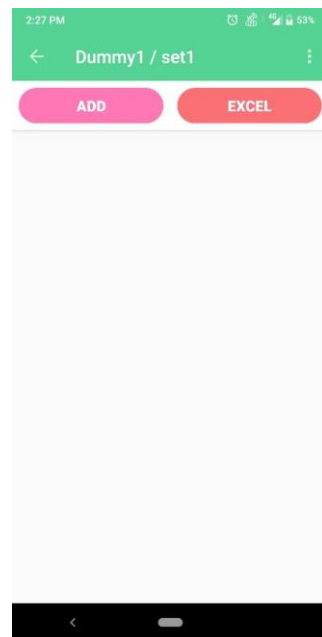
Likewise , we can add any number of sets as we want.

We can delete a set if we long press the set :

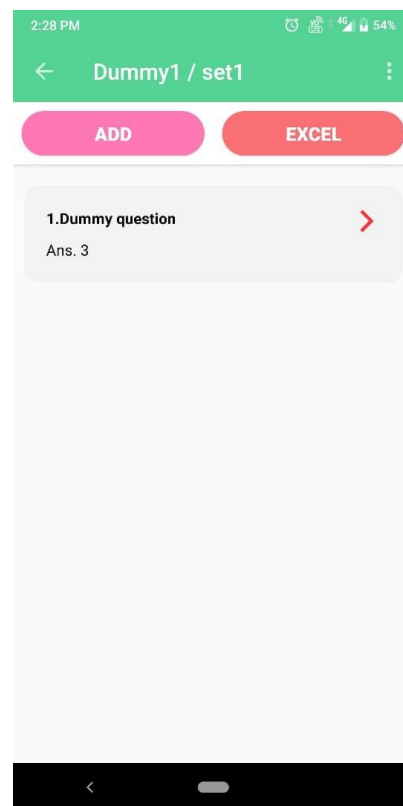


On clicking a set we go its corresponding questions activity.

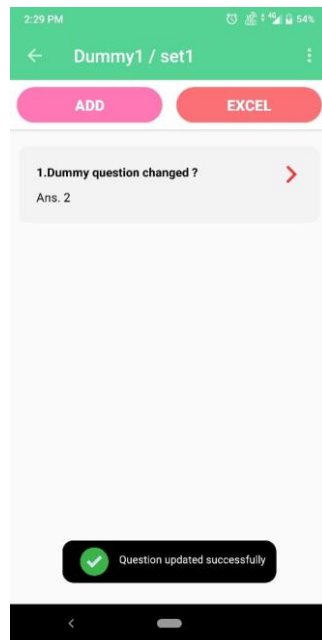
Questions Activity:



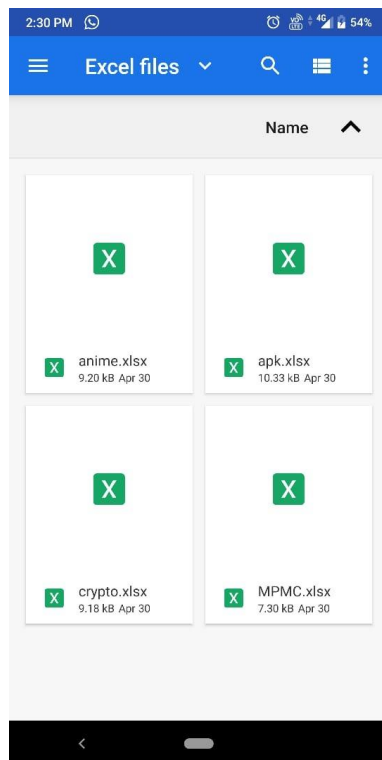
After clicking on add:

A screenshot of the 'Add question' screen. The header is green with a back arrow, the text 'Add question', and a three-dot menu icon. Below the header, there is a rounded rectangle containing the text 'Dummy question'. Underneath, the text 'Correct answer' is followed by four radio button options: 1) _____ 1, 2) _____ 2, 3) _____ 3 (selected), and 4) _____ 4. At the bottom, there is a green 'UPLOAD' button. The bottom navigation bar is black with a back arrow and a home indicator.

Similarly we can edit question by clicking on it and editing it.



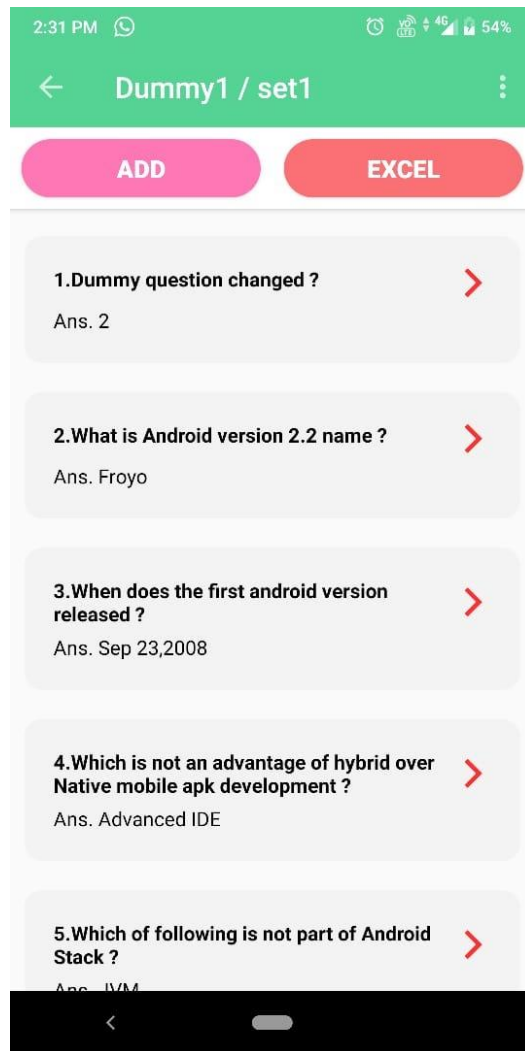
On clicking excel and giving permissions , we can select a valid excel file and the questions will get uploaded :



Excel file content:

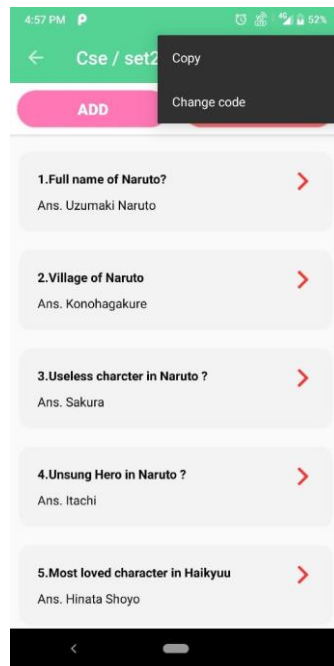
What is Android version 2.2 name ?	Gingerbread	Froyo	Éclair	Donut	Froyo
When does the first android version released ?	Nov 18, 2009	Apr 27, 2009	Sep 13, 2008	Apr 27, 2008	Sep 13, 2008
Which is not an advantage of hybrid over Native mobile app development ?	Easy to develop	Easy to update	Cheaper to develop	Advanced IDE	Advanced IDE
Which of following is not part of Android Stack ?	Libraries	Android Runtime	JVM	Linux Kernel	JVM
Which is not an event listener ?	OnClick	OnFocusChange	OnKey	OnMove	OnMove
Which is not a unit of measurement in Android app development ?	dp	sp	pt	px	pt

on selecting excel file:

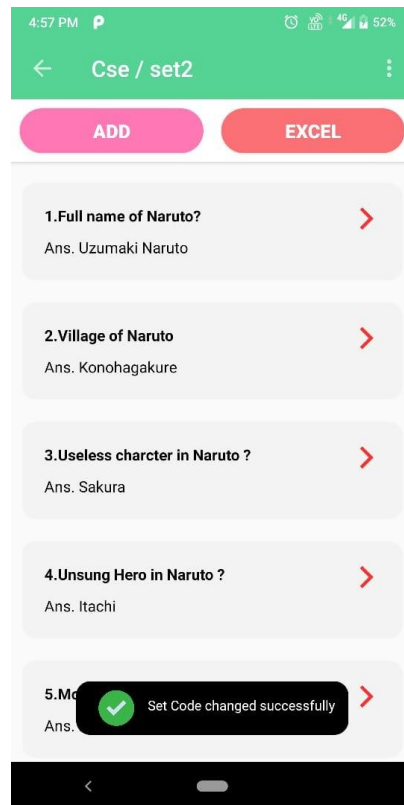
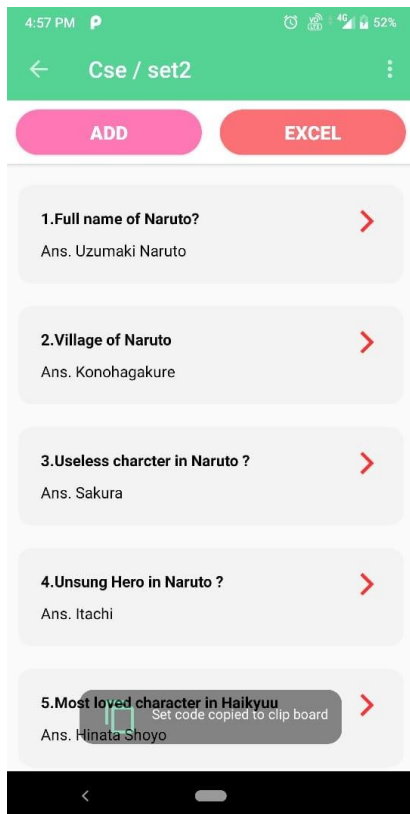


We can delete the question in the same way as we deleted the sets.

for copying and changing set code(used as password in quizzit):

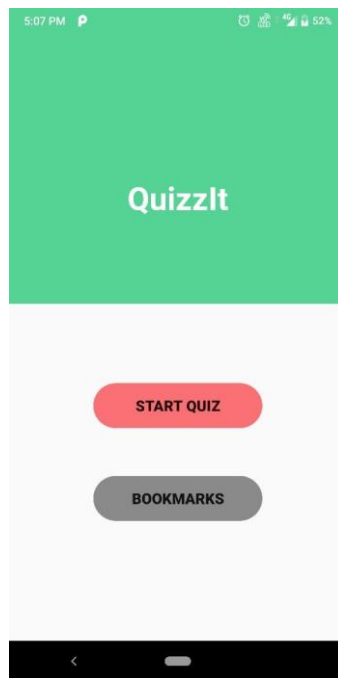


(copy button copies setcode to clipboard)

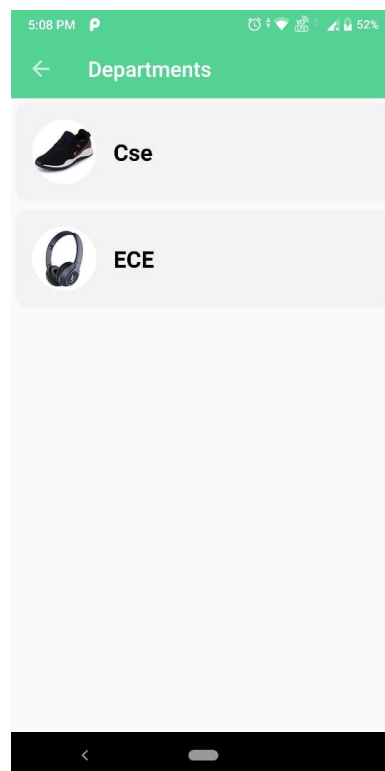


ii)Quizzit:

MainActivity:



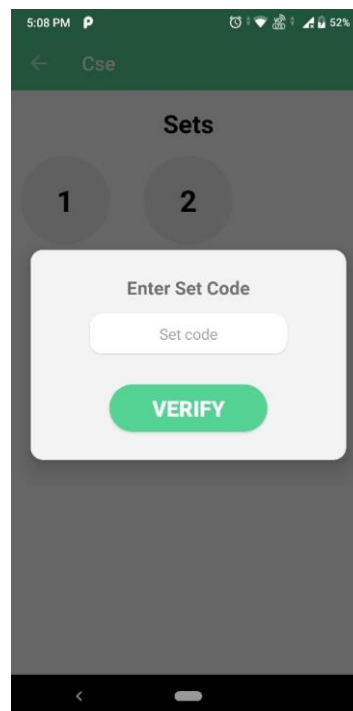
upon clicking on start quiz:



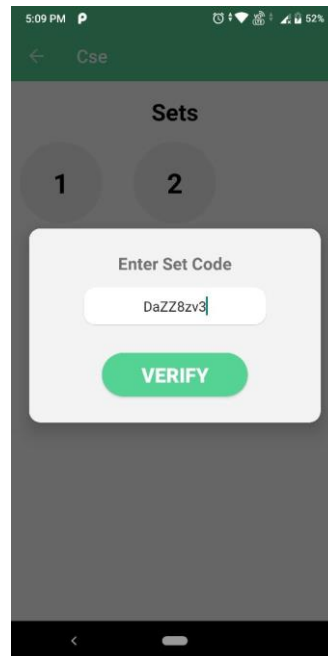
upon selecting a department:



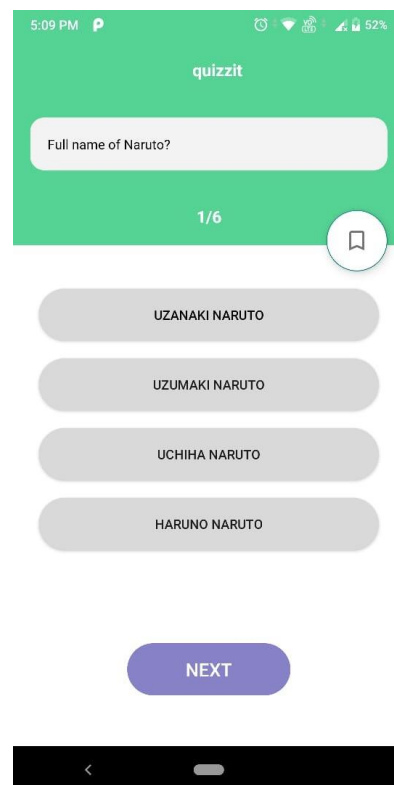
upon clicking on a set:



Here the set code should be the one that the admin copies from corresponding set in the department. Here it makes only users who get code from admin able to attempt the test.



entering correct code:



Different cases with questions:

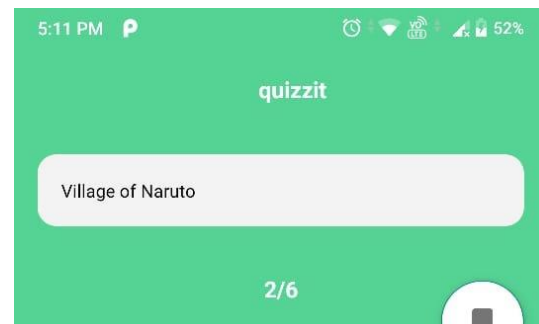


- UZANAKI NARUTO
- UZUMAKI NARUTO
- UCHIHA NARUTO
- HARUNO NARUTO

NEXT



(correct option is chosen)

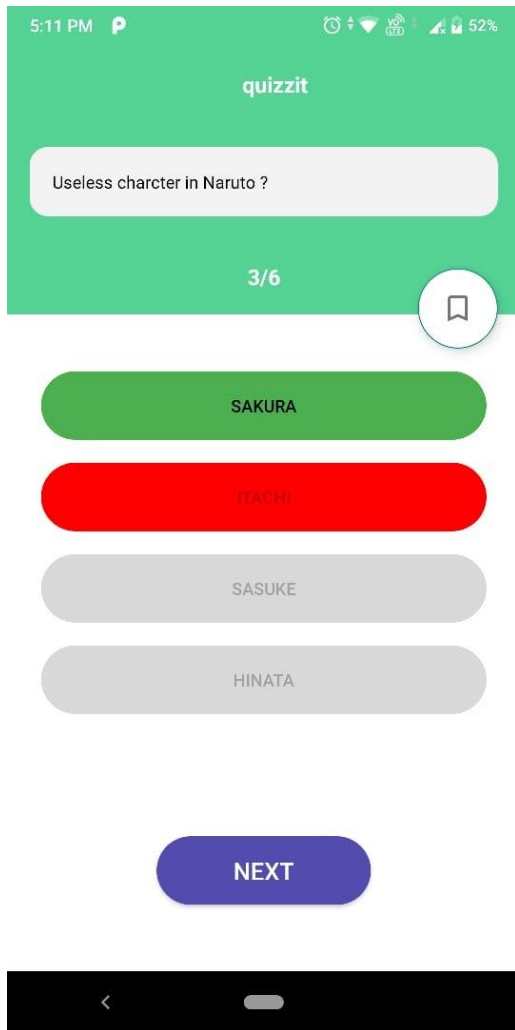


- KONOHAGAKURE
- SUNAGAKURE
- KIRIGAKURE
- KUMOGAKURE

NEXT



(question bookmarked)



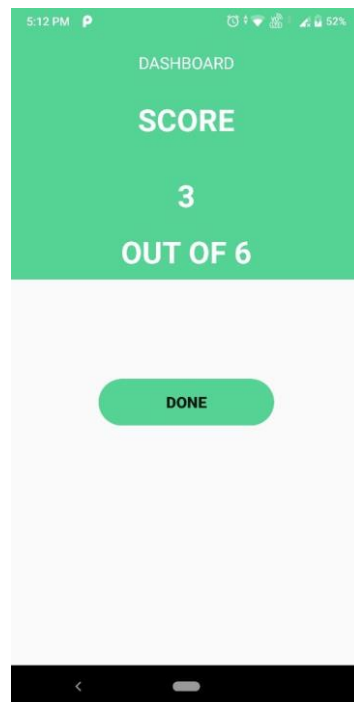
(wrong option chosen)



(Back button pressed)

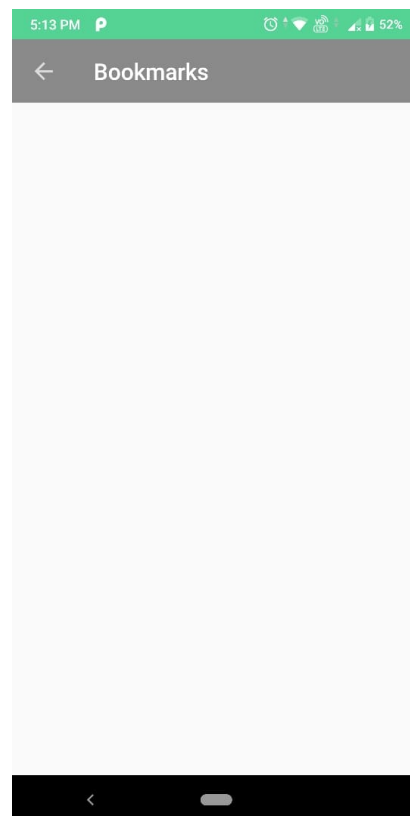
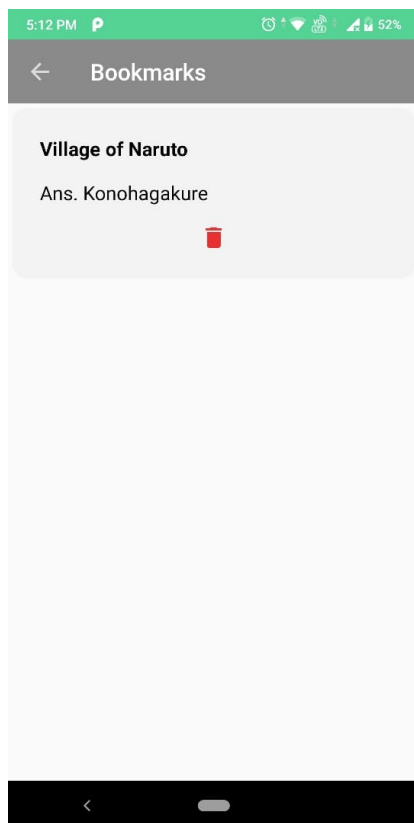
if the user presses back button again or when we answer all questions and click on next we get to dashboard to see our score.

Dashboard :



Bookmarks:

(on deleting it)



Update 2:

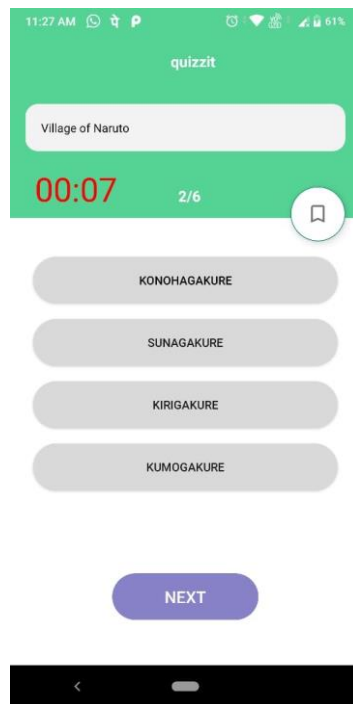
Normal condition:(starts as the question is loaded)



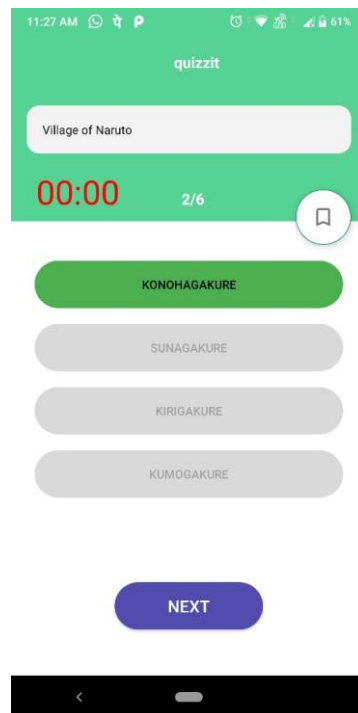
When user selects his option before reaching 0, it stops there



When time is less than 10 seconds , the timer colour changes to red



When timer reaches 0 :(no score added here)



**** update 3 is self explanatory from desription.**

-----THANK YOU-----