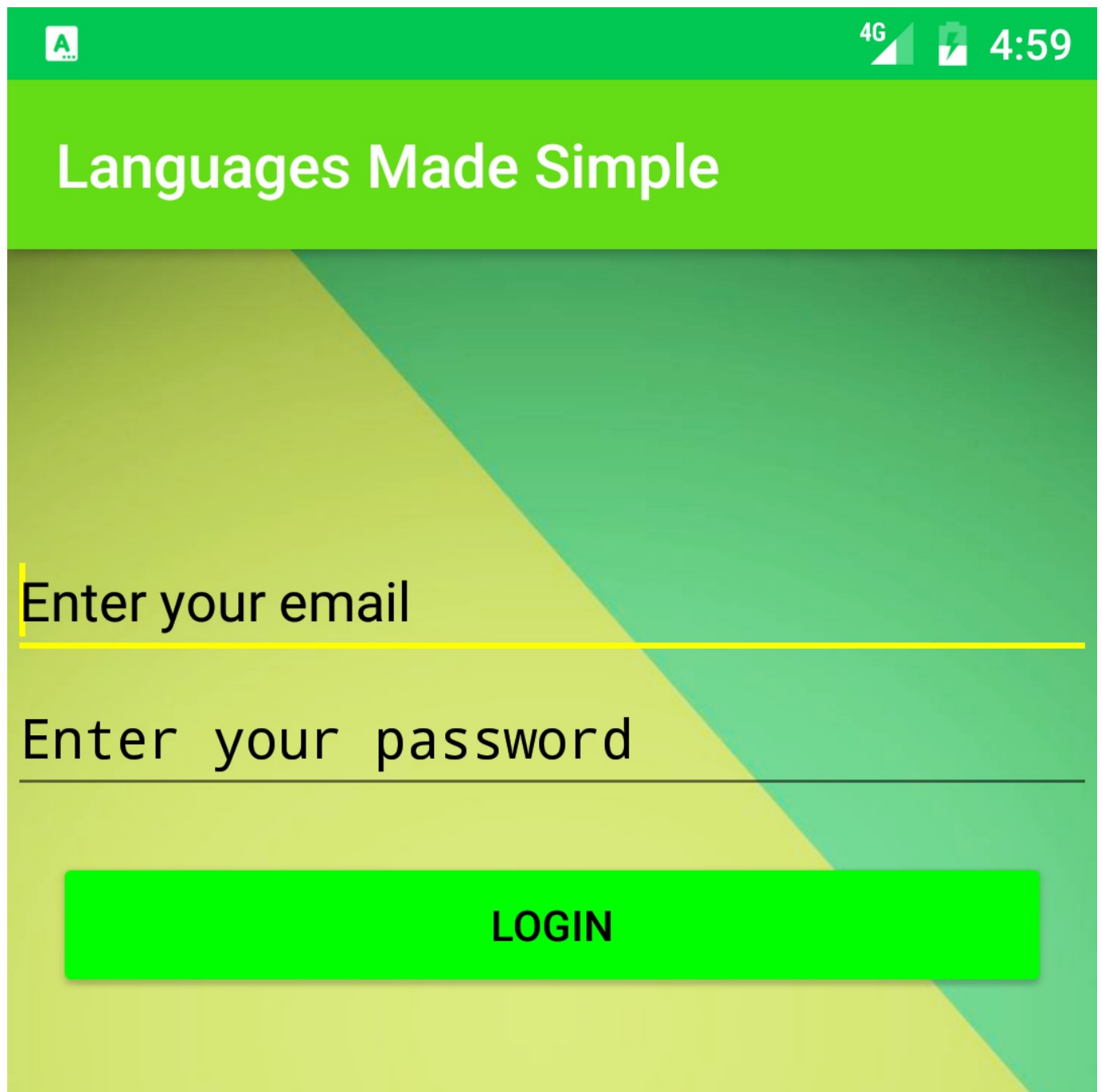


USER MANUAL FOR LANGUAGES MADE SIMPLE APP (formerly Irish Made Simple)

CA 3rd Year Project 2017

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The screenshot shows the login interface of the 'Languages Made Simple' app. At the top, there is a green status bar with a white 'A' icon, 4G signal, a battery icon, and the time 4:59. Below this is a green header bar with the text 'Languages Made Simple' in white. The main background is a light green with a diagonal split into two shades. There are two input fields: 'Enter your email' with a yellow underline and 'Enter your password' with a black underline. At the bottom, there is a red 'LOGIN' button.

Enter your email

Enter your password

LOGIN

[FORGOT YOUR PASSWORD?](#)

[NOT REGISTERED? SIGN UP HERE](#)



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1. Introduction

Languages made simple is an Android App originally meant to be Irish Made Simple, designed to help primary school children to understand and complete their Irish homework and where applicable their non-Irish speaking parents can assist their children to complete their homework via the App. The name of this App was changed when we decided to make more intelligent and flexible. The App is very easy to use and navigation during use is also very basic to meet the level of our targeted users. This App meets Nielson's principles and has been tested for Correctness and Robustness.

The app extracts verbs from sentences to create "fill in the blank" style exercises which can be

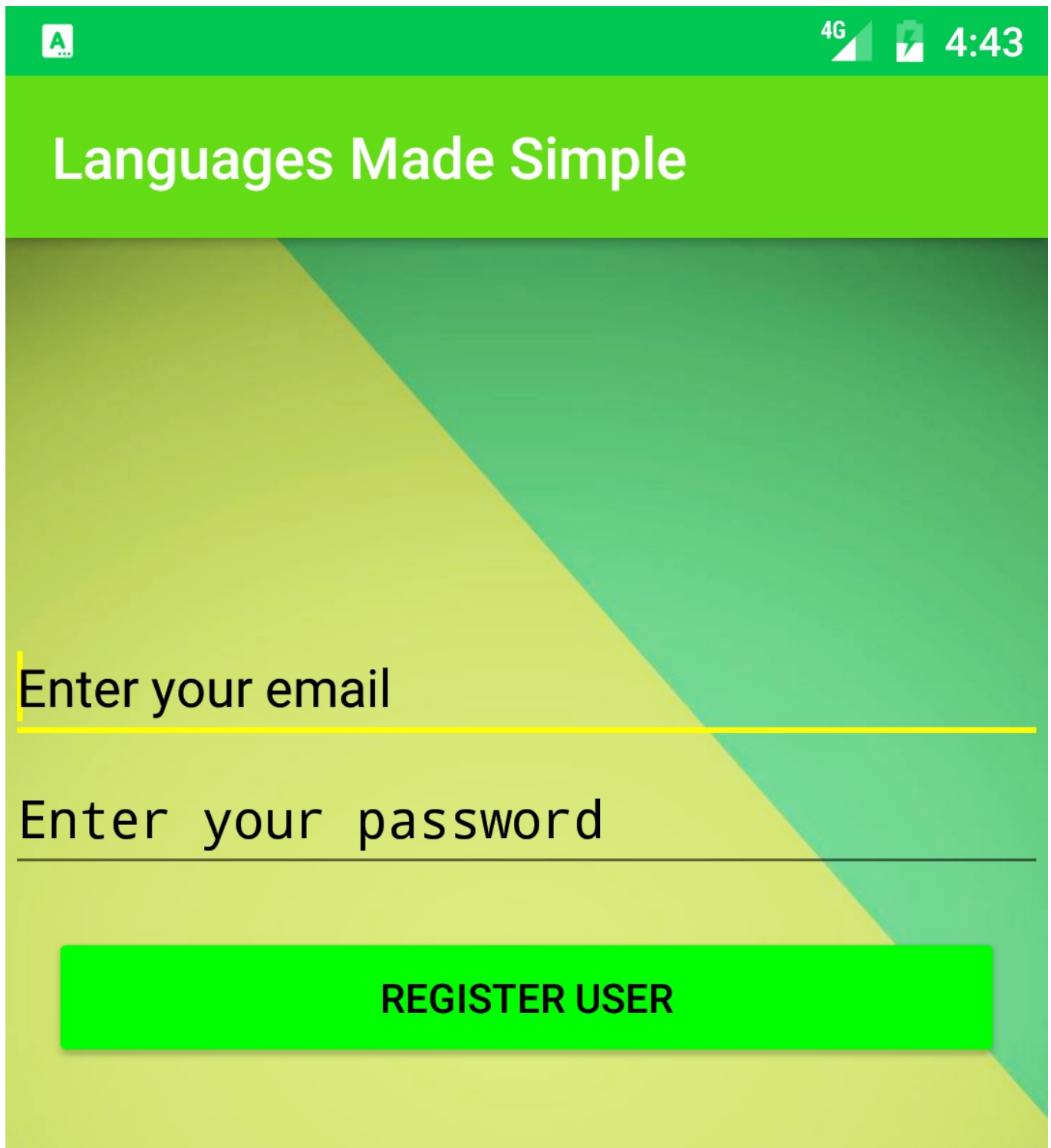
completed within the application. These can be created from text files the user has on their phone or through typing the input manually. This flexible approach means it is not limited to just Irish as our original functional spec proposed. Based on feedback we received on the proposal we improved the intelligence of the app so it was no longer a digital version of a primary school text book. The pattern matching used means it can also be reused for prepositions. The app has been tested with Irish and the Ghanaian language Ga. The app could be especially useful for endangered languages which don't have a lot tools specifically to cater for them.

2. Registration

- **Who must register:** All users must be registered before access can be gained to components of the App.
- **How to get registered:** Input a valid email address and a

password in the right fields and then click on the register button to be registered. After clicking on the register button you should receive an appropriate feedback to say successfully registered or otherwise what went wrong during the registration process.

In the event of a successful registration, click on the "login here" link to be taken to the login page.



The image shows a mobile application interface for a registration process. At the top, there is a green status bar with a white 'A' icon, 4G signal strength, a battery icon, and the time 4:43. Below this is a green header with the text 'Languages Made Simple' in white. The main background is a light green with a diagonal split into two shades. There are two input fields: 'Enter your email' with a yellow underline and 'Enter your password' with a black underline. At the bottom, there is a red button with the text 'REGISTER USER' in black.

Languages Made Simple

Enter your email

Enter your password

REGISTER USER

ALREADY REGISTERED? LOGIN HERE



4:58

Languages Made Simple

testuser@gmail.com

• • • • •

REGISTER USER

ALREADY REGISTERED? LOGIN HERE



4:58

Languages Made Simple

testuser@gmail.com



Registering...

ALREADY REGISTERED? LOGIN HERE



4:58

Languages Made Simple

testuser@gmail.com



Registering...

ALREADY REGISTERED? LOGIN HERE

Registered Successfully

3. Login

- **Before Login:** To login you must first be a registered user and be on the login screen.
- **Login:** if you are already registered; on the login screen simply enter your email and password as per the one you registered with then click on the login button after which you will be presented with the selection screen to choose what activity/activities you want to carry out. There are 2 main categories; creating and completing of exercises. If you are not registered go through step "2. Registration" to get registered.



4G



4:59

Languages Made Simple

testuser@gmail.com

.....

LOGIN

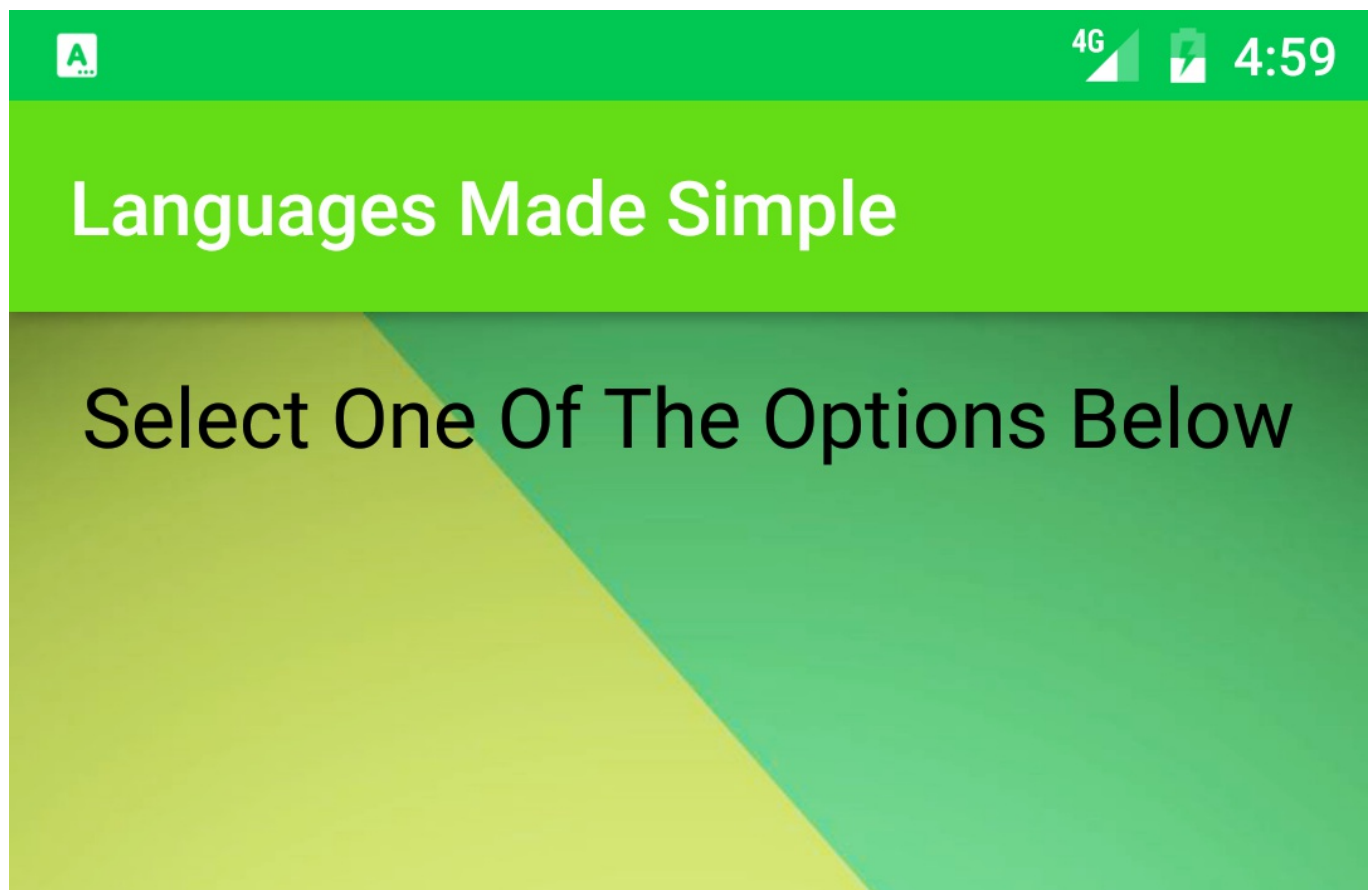
FORGOT YOUR PASSWORD?

NOT REGISTERED? SIGN UP HERE

Attempting Login

4. Options Screen

All users are presented with this screen after a successful login and Here users can choose between Generate Exercises and Complete Exercises options.



COMPLETE EXERCISES

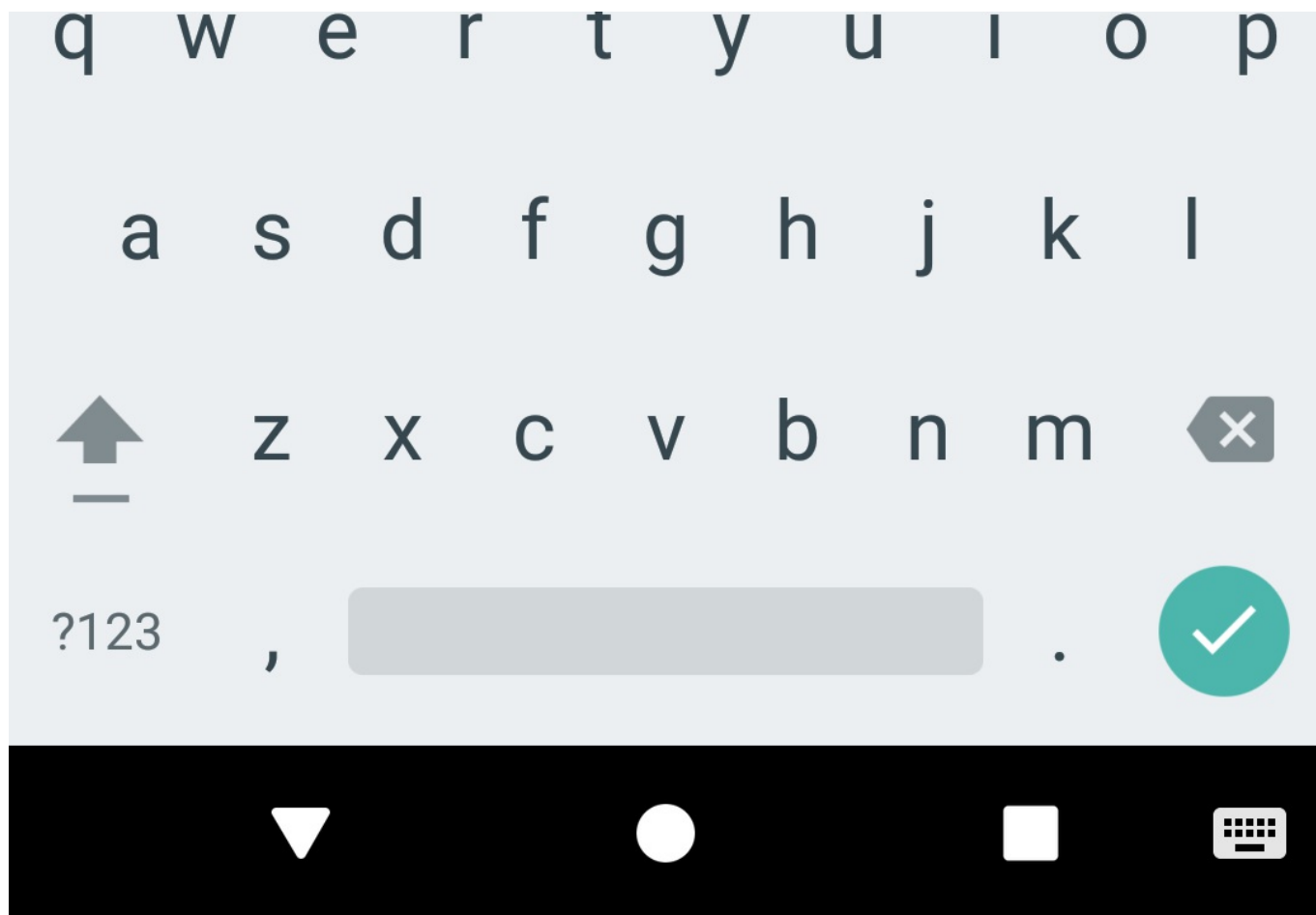
GENERATE EXERCISES

Welcome testuser@gmail.com

5. Generate Exercises

Here you will either upload a text file or use the keyboard to manually input all information needed for exercise generation. In both cases hints could be given in any language of choice, as shown in the diagram below;

The screenshot shows a mobile application interface. At the top, a green status bar displays '4G', a battery icon, and the time '3:41'. Below this is a green header with the text 'Languages Made Simple'. The main content area has a dark green background with the text 'bhí muid ag damhsa (dancing)' in white. The words 'bhí', 'muid', 'ag', 'damhsa', and '(dancing)' are underlined in red. A yellow horizontal line is positioned below the text. Below the line are two large, bright green buttons: 'ADD' and 'CONTINUE'. At the bottom is a light gray keyboard. The keyboard has a search bar with the text 'dancings | dancing | ranking' and a microphone icon on the right. Below the search bar is a row of numbers: 1, 2, 3, 4, 5, 6, 7, 8, 9, 0. The number 5 is highlighted with a black dot below it.



Languages Made Simple

Choose Your Input Method

LOAD FROM FILE

KEYBOARD ENTRY

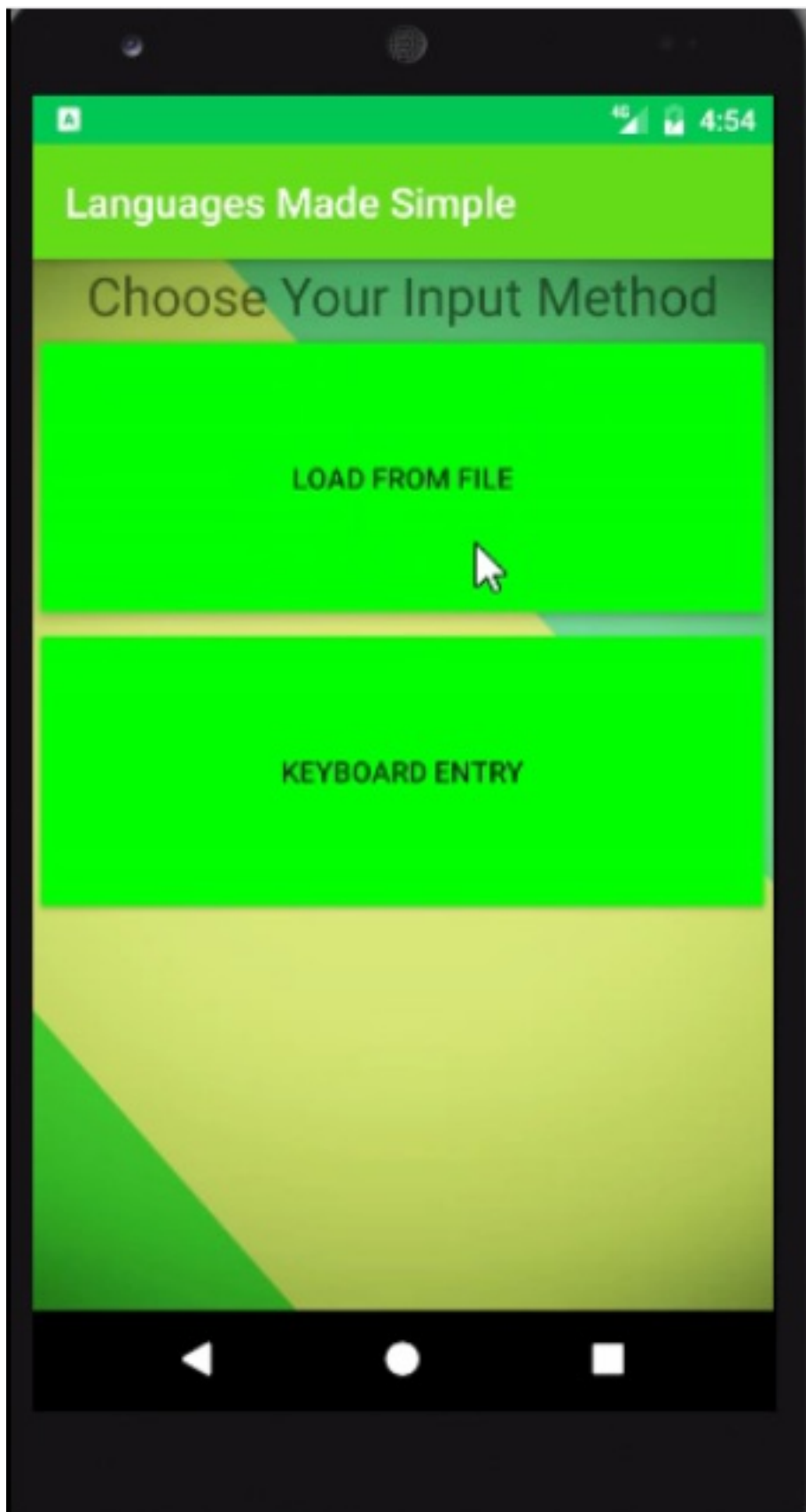


6. Load from file

This option is only available to those who opt for create exercises, there should be a text file available on the sd card to be read automatically by the App.

this file must contain all the verbs/prepositions to be used in the exercises you want to create. When the Load from file button is clicked user is taken to the Select Difficulty Level **ie.**

item no.8 in this manual.

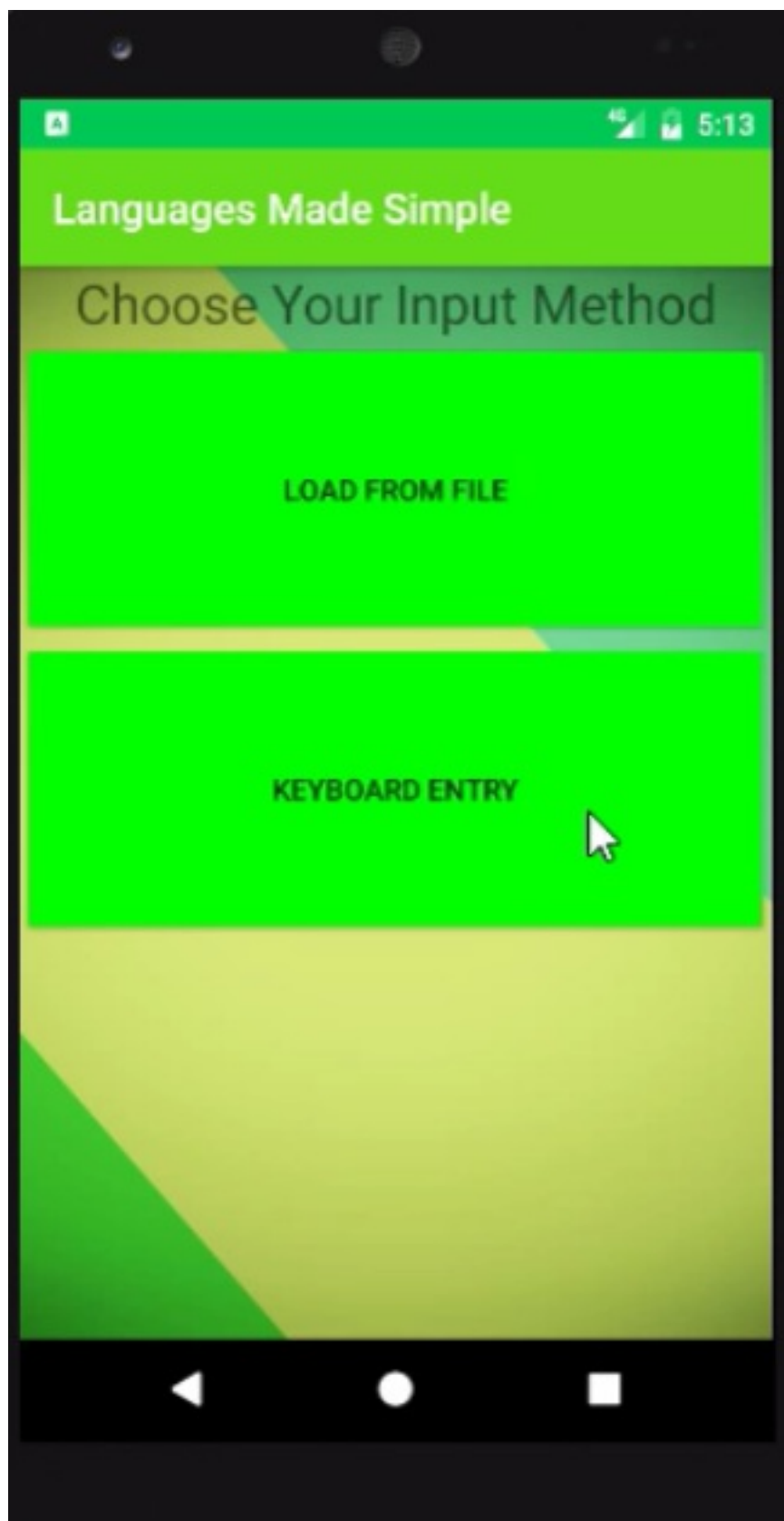


7. Keyboard Entry

This option is only available to those who opt for create exercises, you

user enters verbs/prepositions and clicks add until they have no more entry to make then clicks continue.

upon clicking continue they get to input the full sentence including the verbs/preposition and when done click on continue to go to completion of exercises or click logout.



Languages Made Simple

Enter A Verb

ADD

CONTINUE



5:01

Languages Made Simple

d'ith

ADD

CONTINUE

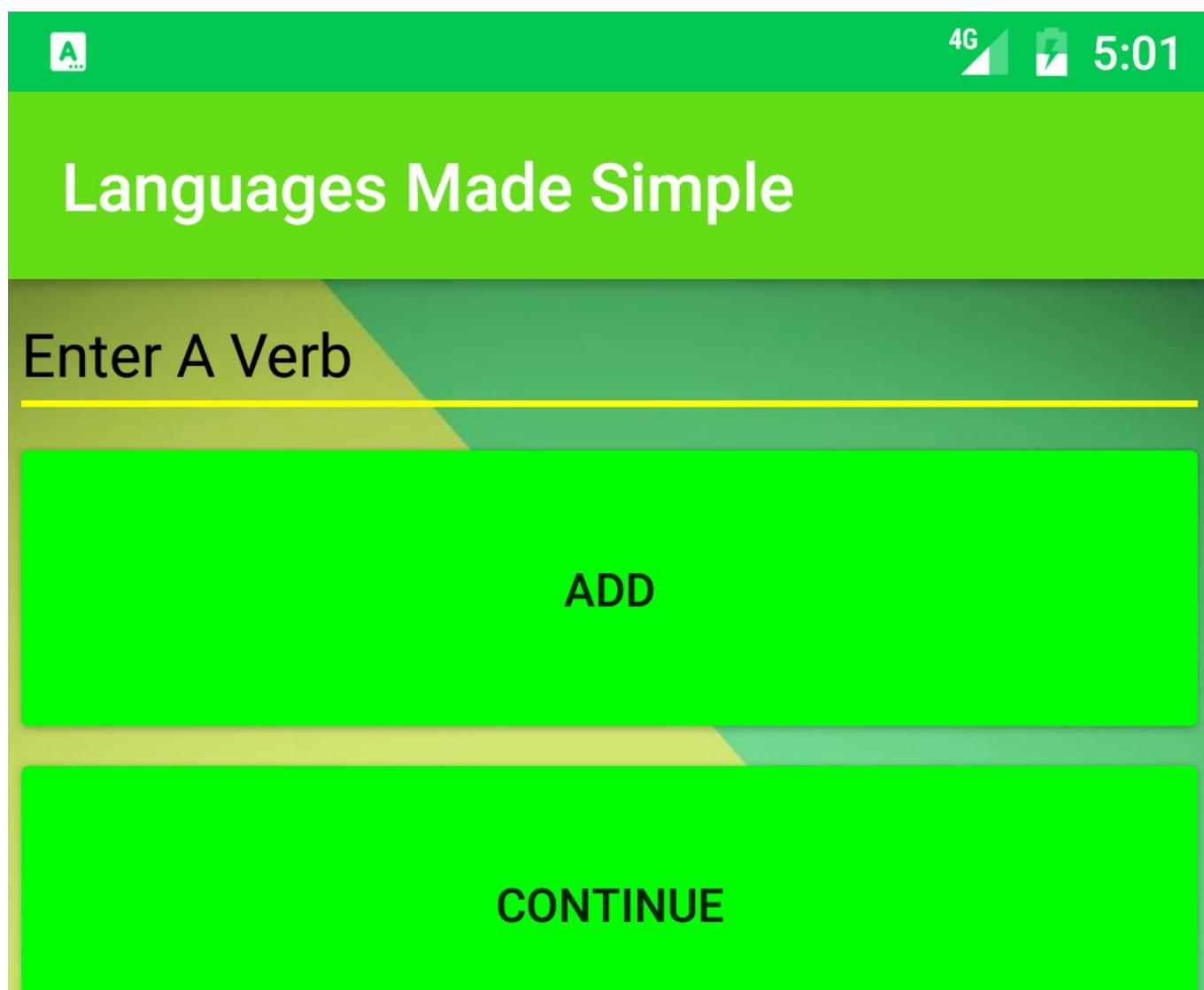
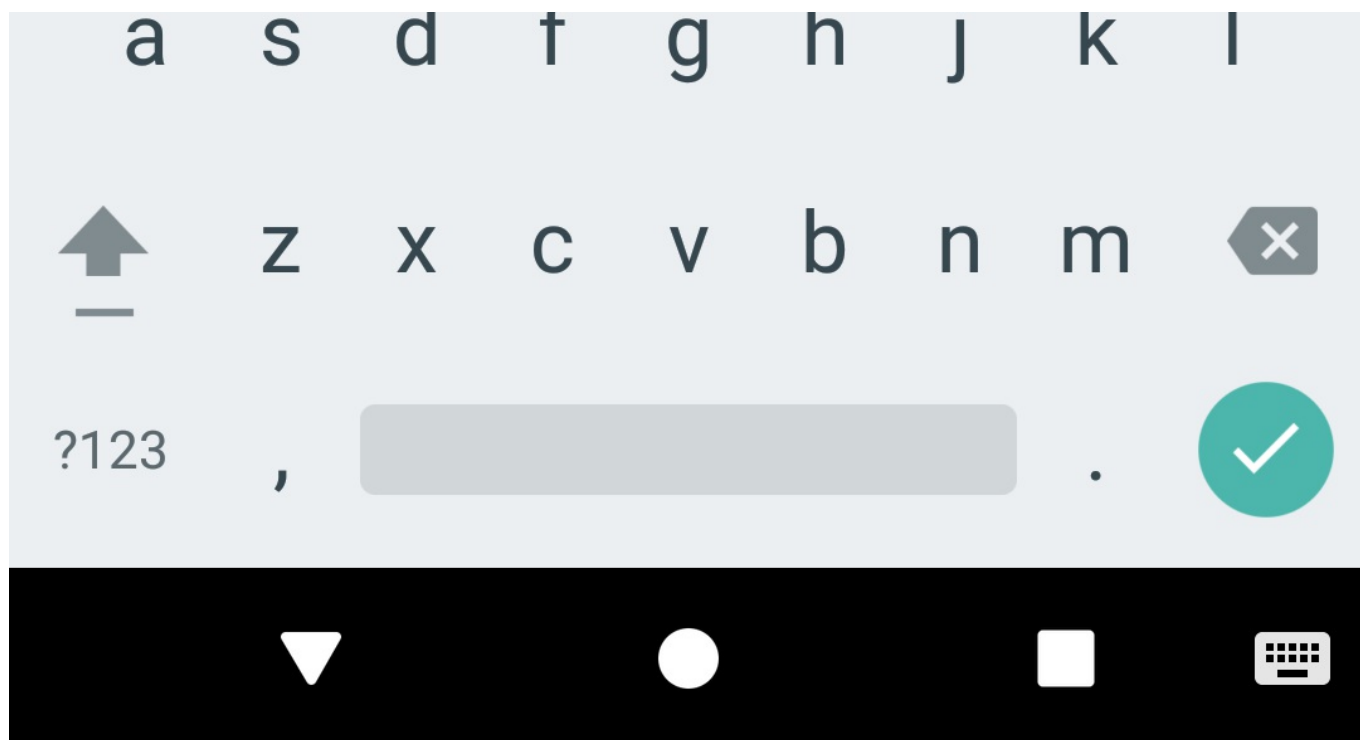
deity

d'ith
...

Deity



1 2 3 4 5 6 7 8 9 0
q w e r t y u i o p



d'ith Added



5:03

Languages Made Simple

Enter A Sentence

ADD

CONTINUE

Languages Made Simple

bhí muid ag damhsa (dancing)

ADD

CONTINUE

dancings

dancing

ranking



...

1 2 3 4 5 6 7 8 9 0
q w e r t y u i o p

a s d f g h j k l



z x c v b n m



?123

,

.



4G



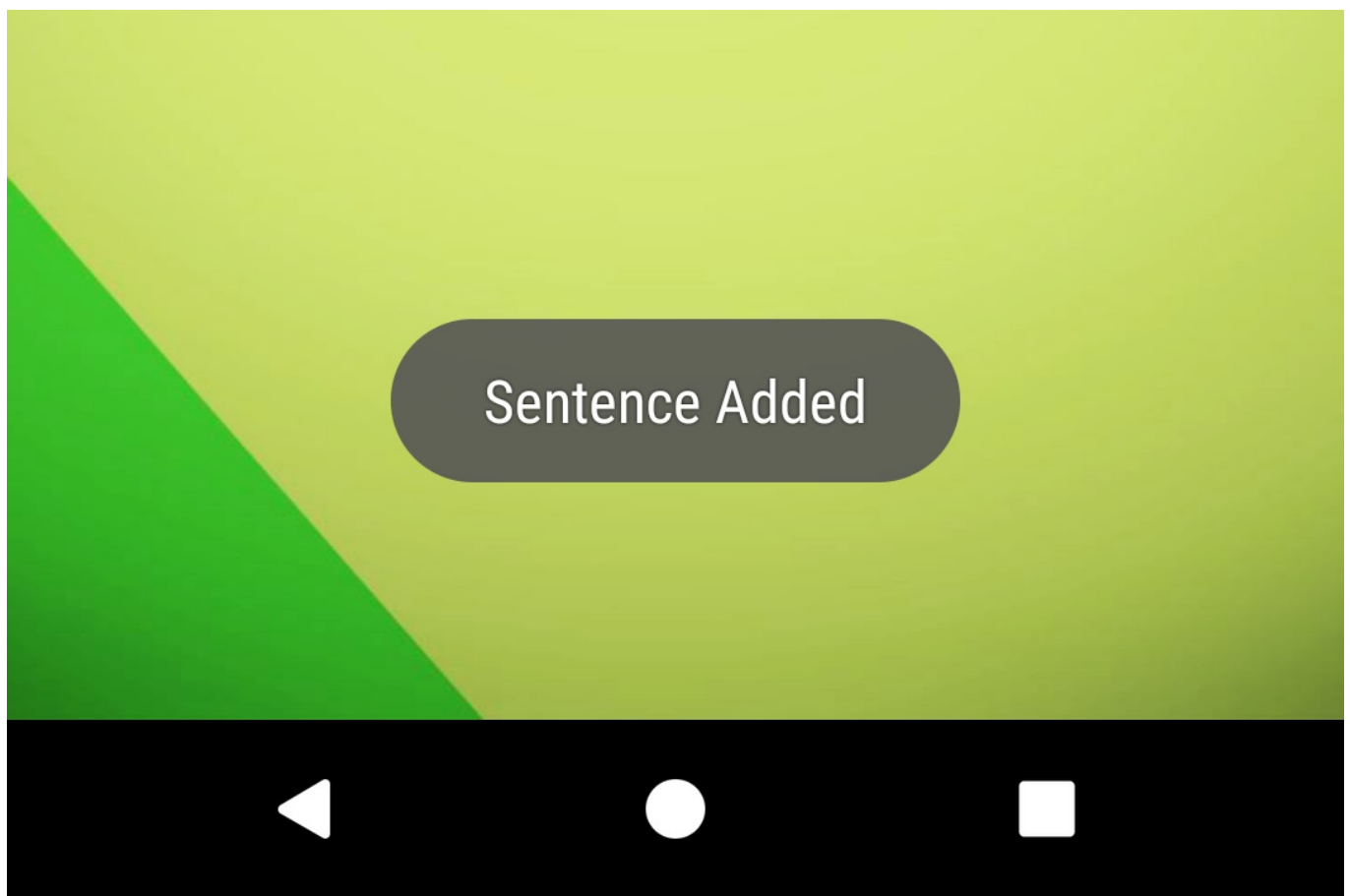
5:03

Languages Made Simple

Enter A Sentence

ADD

CONTINUE

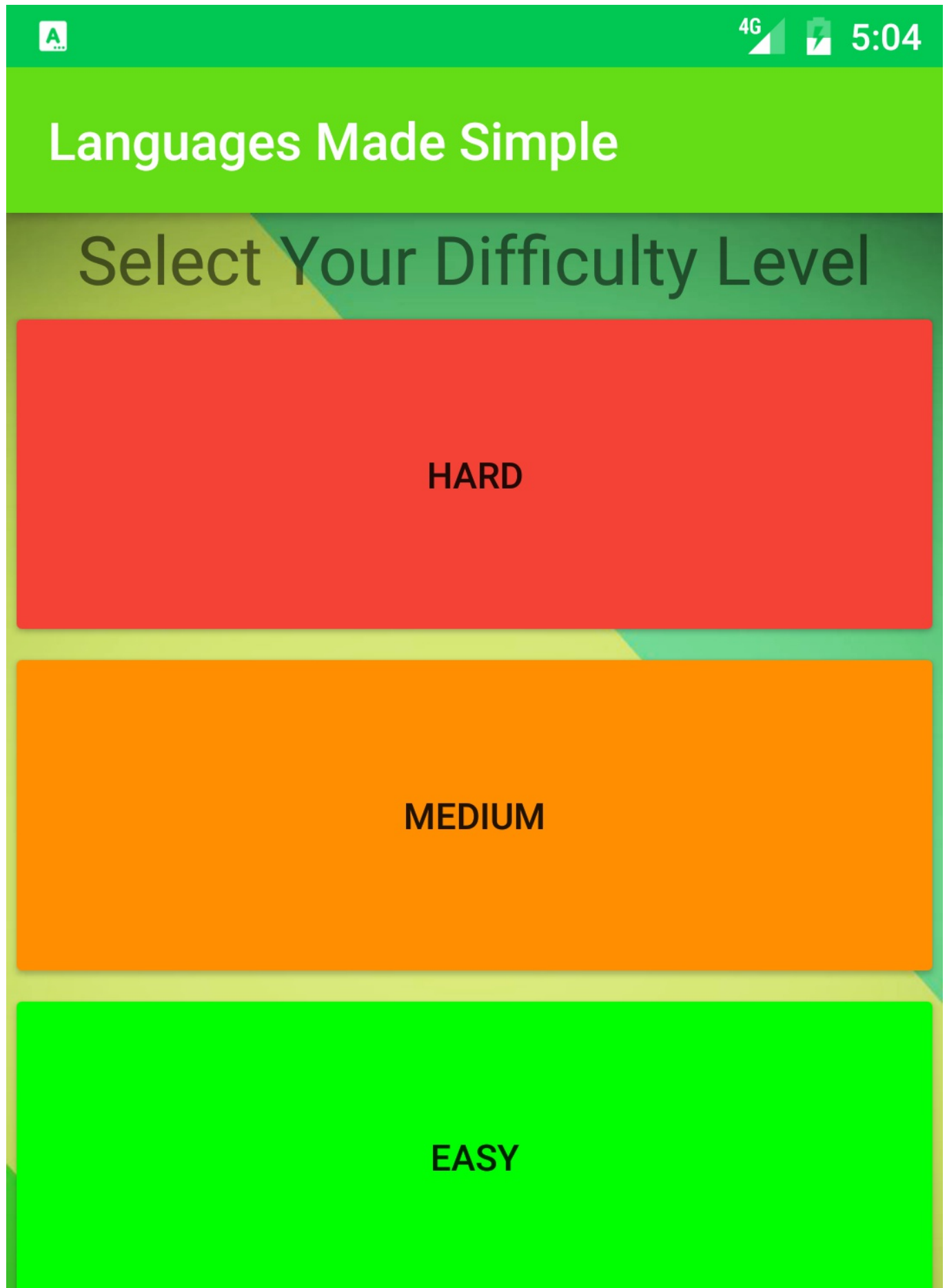


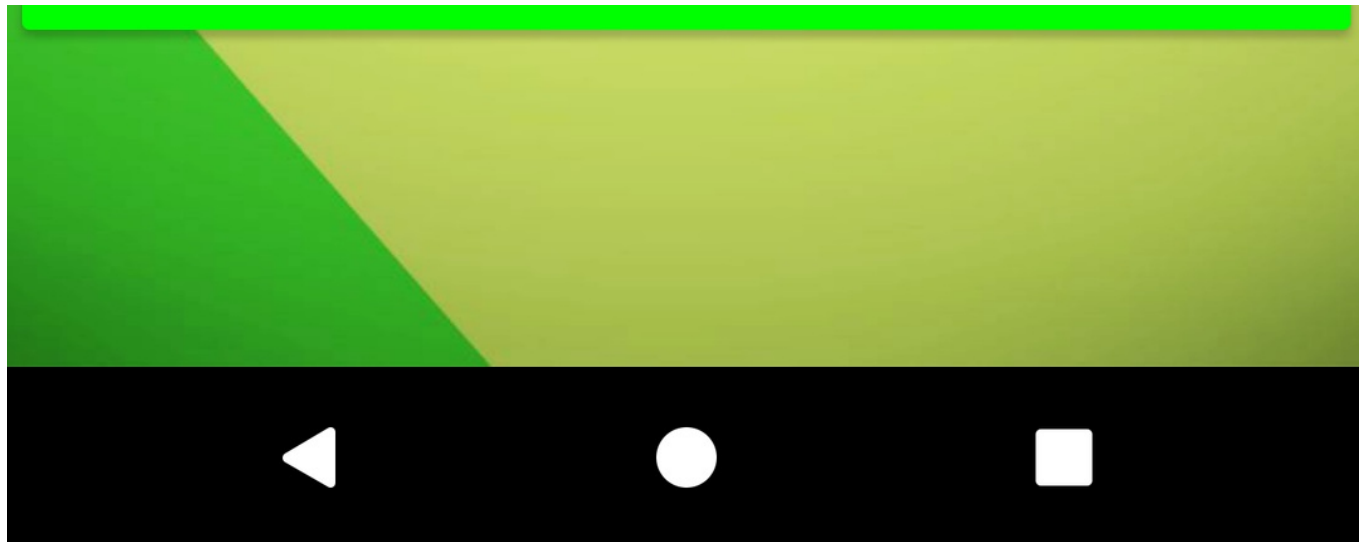
8. Complete Exercises

When this option is selected, you are presented with the screen to choose which level you want to complete the exercises at, then user will be presented with the exercises.

user is required to type in the correct verb/preposition into the blank space provided and click on the Check button to check if the answer provided is correct or wrong. Upon completion user will click the finish

button and be brought to the final screen for score and to logout.





4G   3:45

Languages Made Simple

CLICK HERE WHEN FINISHED

1:bhí mé ag (running)

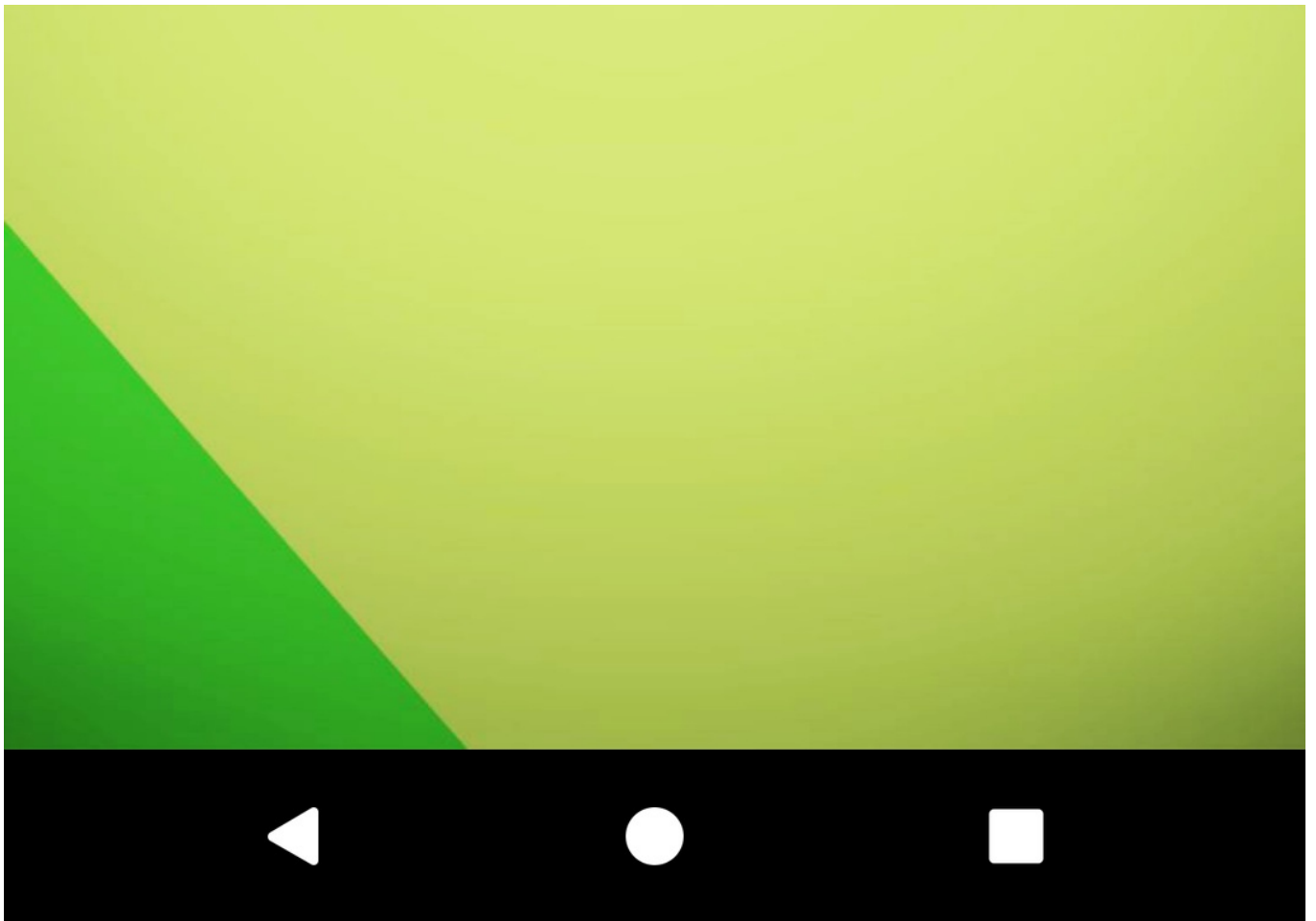
rith

CHECK

2:bhí muid ag (dancing)

damhsa

CHECK



9. Logout

When the logout button is clicked user will be given scores, logged out of the system and redirected to the home screen.

Languages Made Simple

LOGOUT

Score: 1

