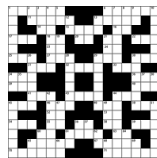


Welcome to the User Manual of CrossWords:

The clue guessing word game



In this document you will find everything you need to get setup and stated with playing CrossWords. Installation, Logging in, Playing the game and Errors are all covered within this Manual.

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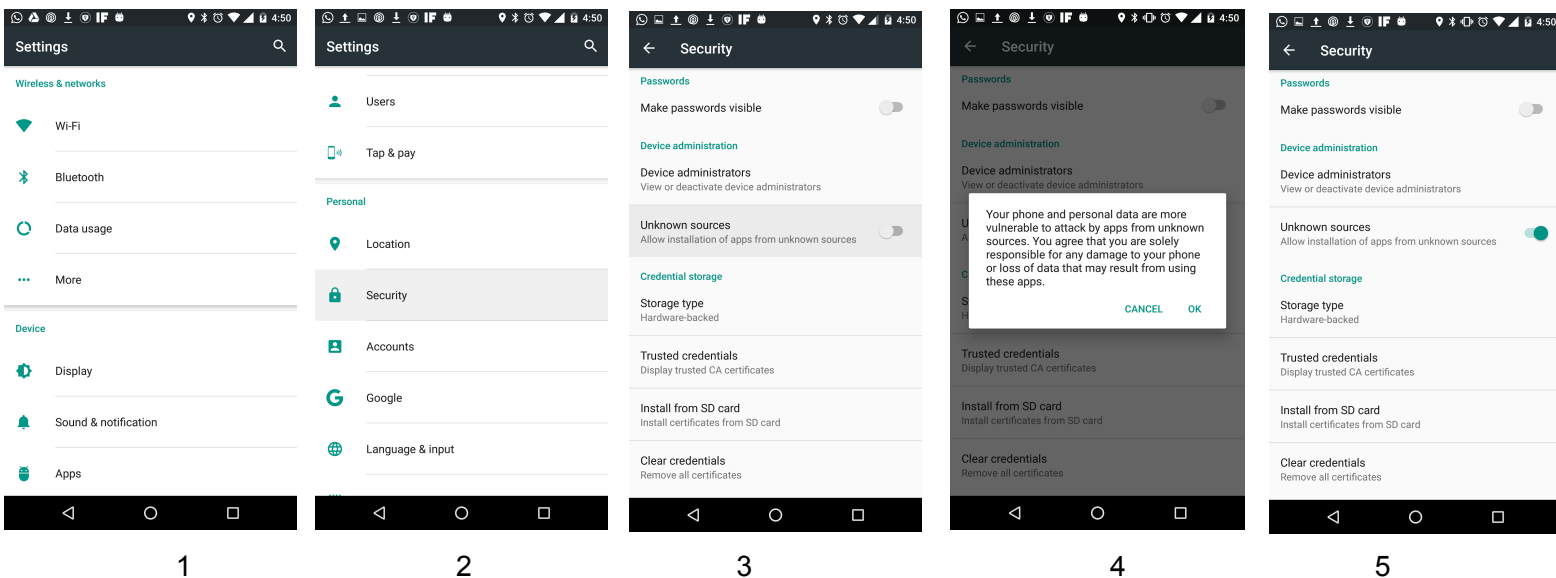
Home Screen -11

Brief description of the app:

The app CrossWords is designed for streamlined and easy access to crosswords on the go. It provides a whole database of different crosswords to play and clever monitoring system to see how quickly you completed the crossword and how many goes it took you. The app allows many users to play on the same device and yet it will still remember where the previous user was in the crossword. The app makes doing crosswords on the go easier and less frustrating than carrying a newspaper/ crossword book and pen. The app allows users to guess at clues within a crossword whilst still having the added benefit of the crossword grid to help them to figure out the other blanks. This is a mobile game for entertainment purposes and will therefore make it easy to know when your answer is right or wrong.

Required for installation:

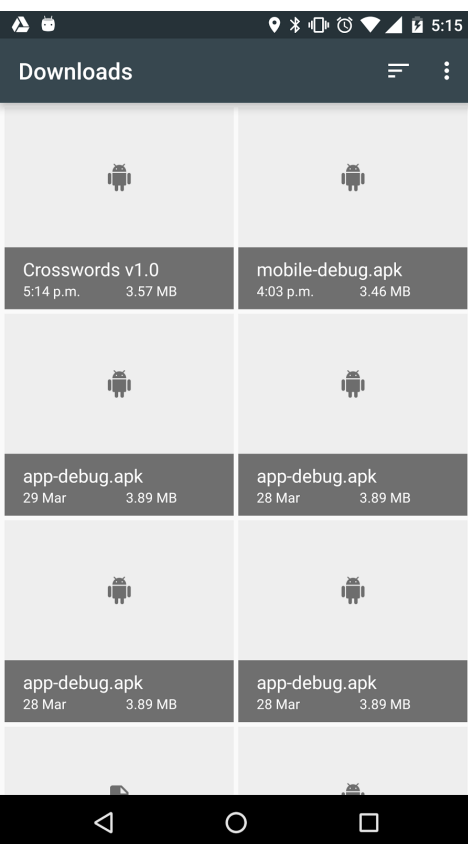
To install this app you must have at least 20 MB of free space on your device, It must be an android smartphone with Kitkat 4.4 (API 19) or above to run this app. The phone must have Unknown Sources setting turned on. To turn on Unknown Sources go to settings (1) and scroll down to Security (2). In Security scroll down to Unknown Sources (3) and enable it. When prompted (4), select 'OK' and now Unknown Sources are now enabled(5).



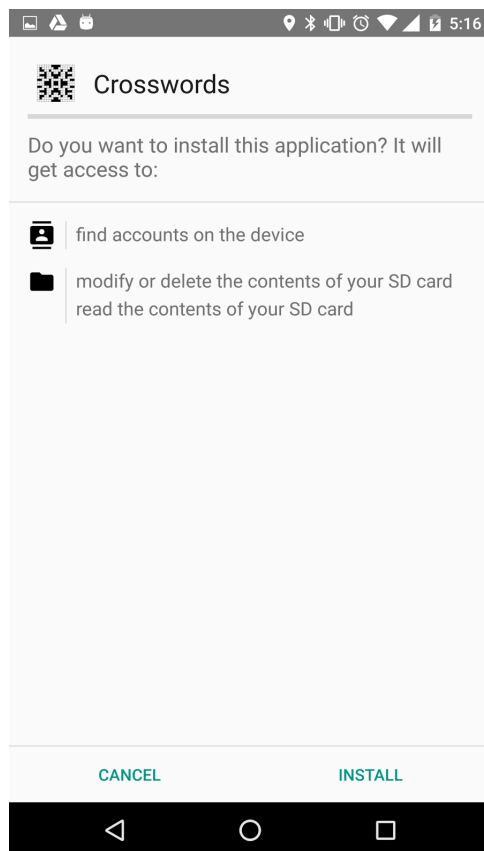
Installation:

Download the app and find it in your downloads folder (1). Tap on the app that says 'Crosswords' and wait for the popup installer (2) and then press install. Wait while the installer runs (3) and when it is finished you will be prompted with an installation successful page (4). Press open on this page and the app will now open (5). Now you have successfully installed the app.

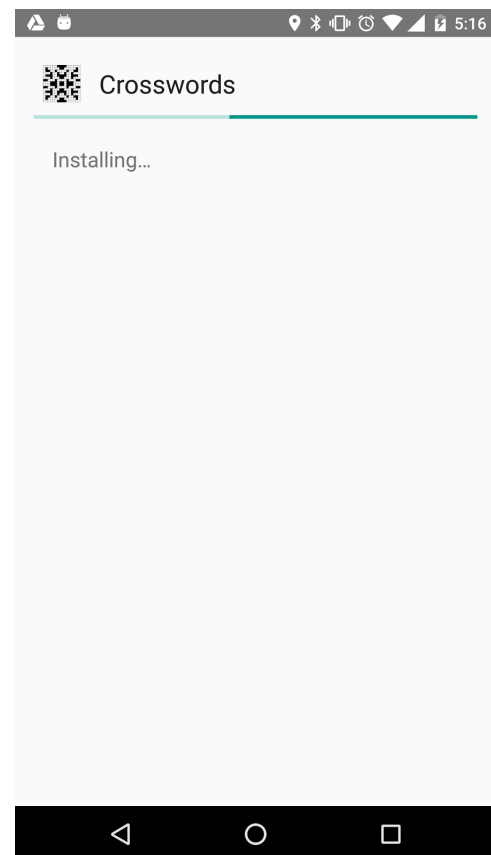
Page 2



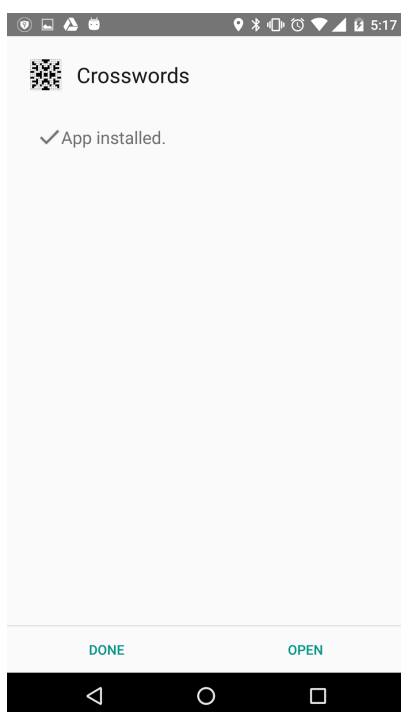
1



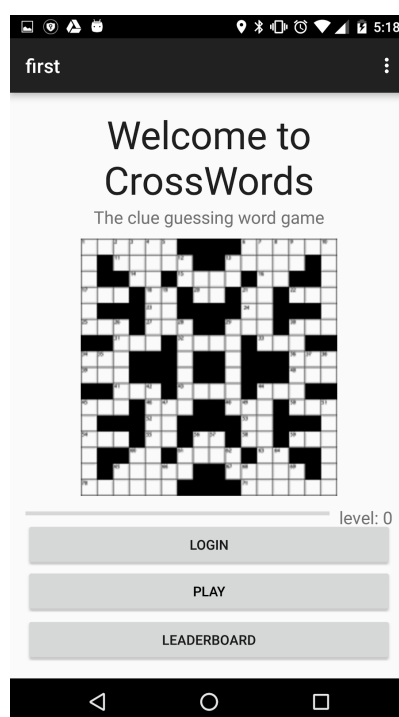
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3



Page 3 4

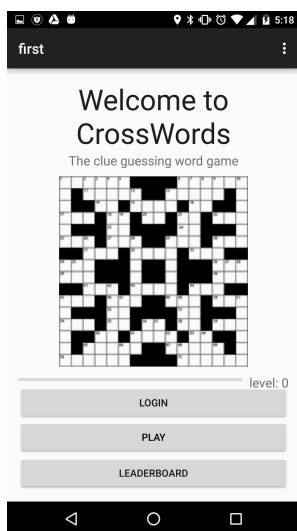


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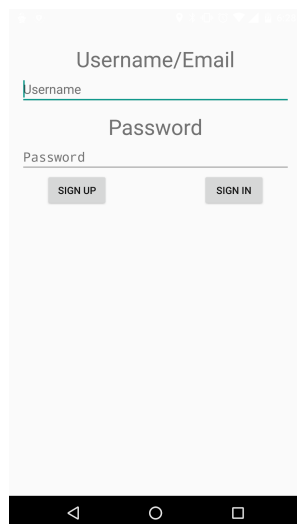
Getting started

Logging in:

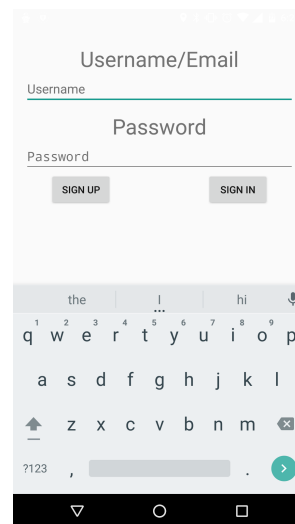
To start using the app and its functionality, it is necessary to login to the app. Firstly open up the app and select the login button (1). This page has two text boxes in which you input your desired username and password(2). Touch one of the boxes and an onscreen keyboard will appear for you to input your desired username and password(3). Enter your username and password that contain only letters and numbers and are between 3 and 16 characters. To sign in, press the sign in button. To sign up press the sign up button to add the user. After the dialogue message shows sign up was successful (4) then press sign in to sign in. This will then direct you to the home screen.



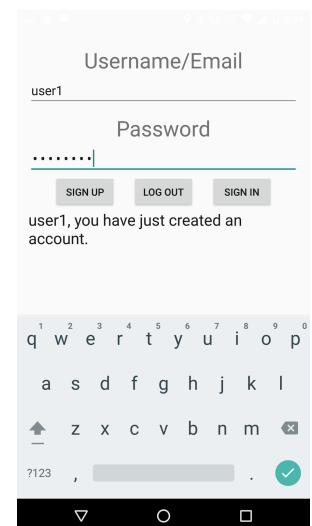
1



2



3

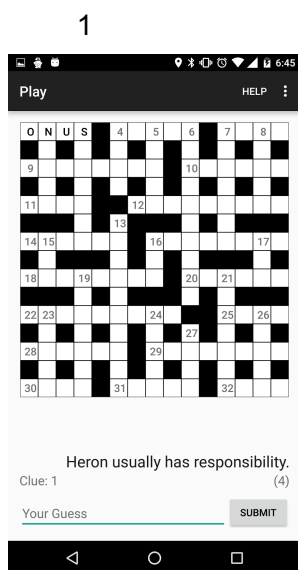
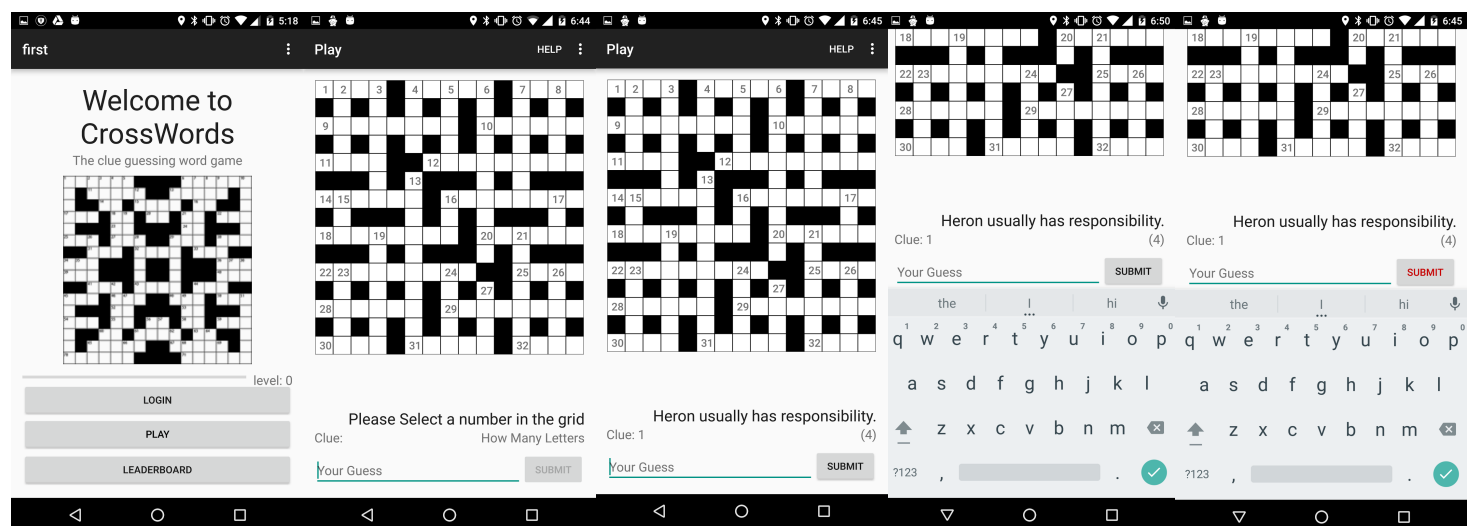


4

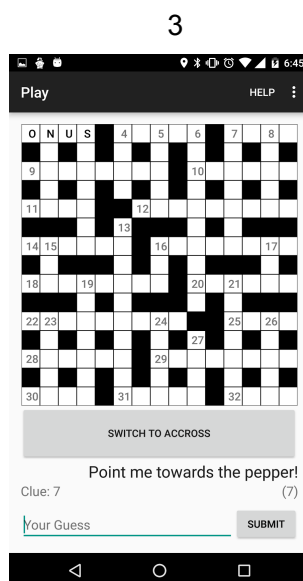
Playing the game:

Before starting this process, please make sure you have successfully followed steps to login that are just above this explanation.

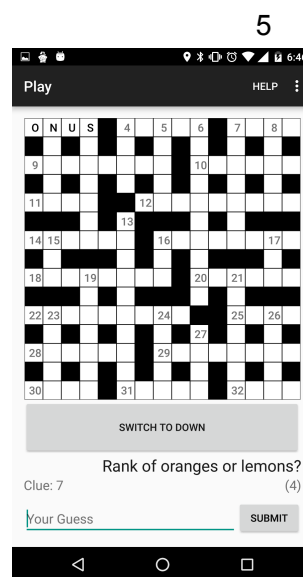
Open up the main screen (1) and press play, this will open the play screen with a crossword board and a box at the bottom of the page for guessing(2). To select a clue, press a numbered box in the grid, you will know when you have selected a number when the text at the bottom of the page changes (3). On pressing the text box that is labeled 'Your Guess', The keyboard will appear for you to type in what the answer is (4). When you have finished typing in the box, press the submit button next to the text box to submit your answer. If the answer is not correct, the submit button will turn red(5) If the answer is right, the word will now appear in the grid and depending on settings, The keyboard will hide itself and a sound will be played (6).On some questions one number corresponds to both a horizontal and vertical clue. In this case a button will appear (7) and when pressed it will allow you to change whether your answer is the horizontal one or vertical one (8).



6



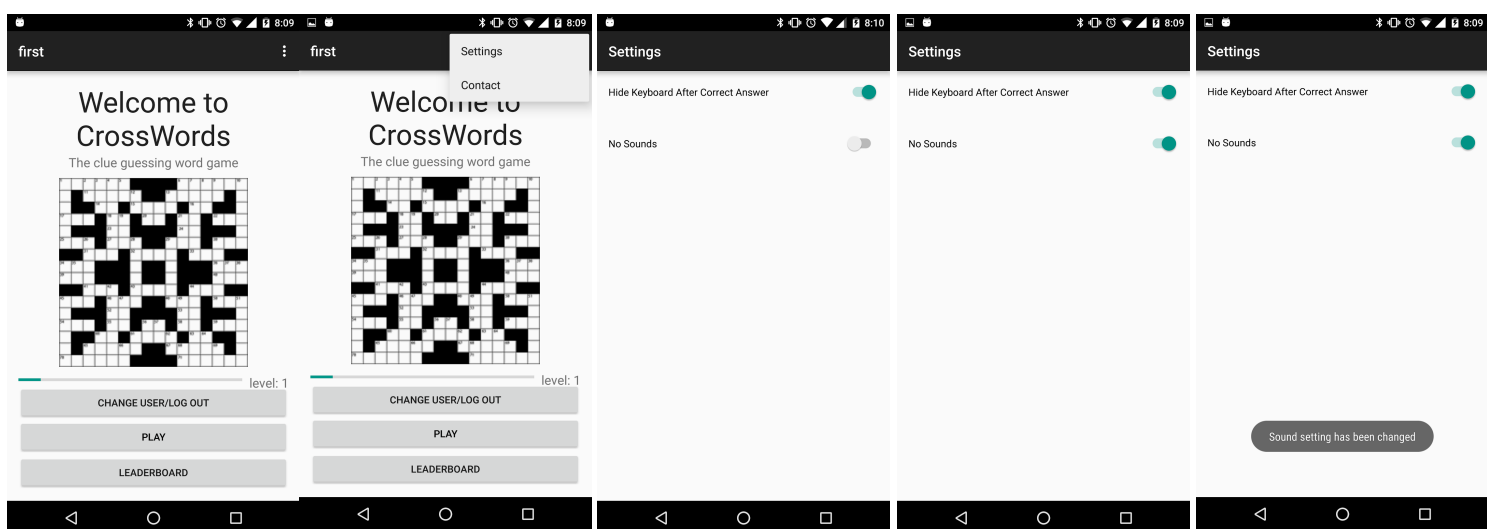
7



8

Changing settings:

From most pages there are three dots in the top right corner of the screen(1). Press these dots and a drop down menu will appear (2). Press the settings button to open the settings menu. In the settings page, you will see all of the settings that can be changed(3). Press or slide the switch to change the setting(4) and a message will appear confirming the change(5).



1

2

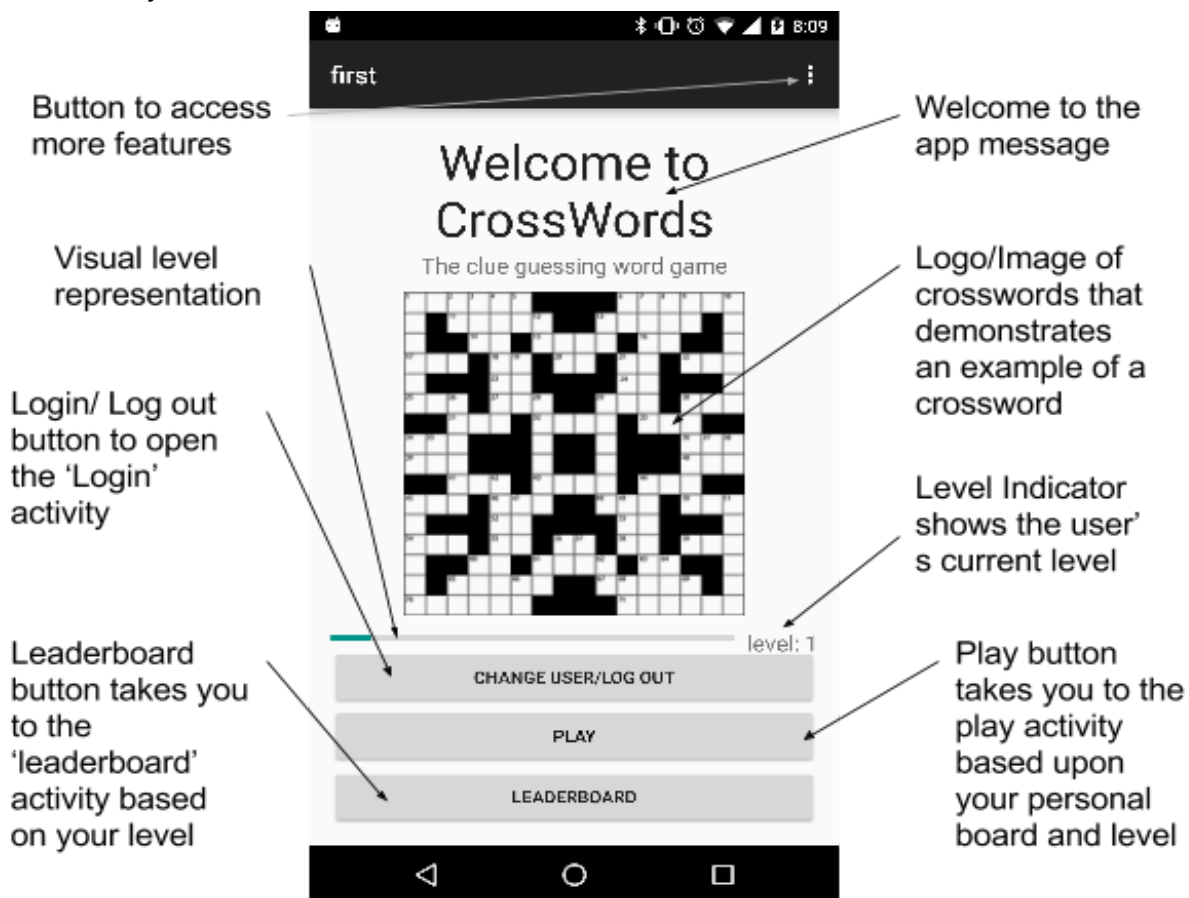
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4

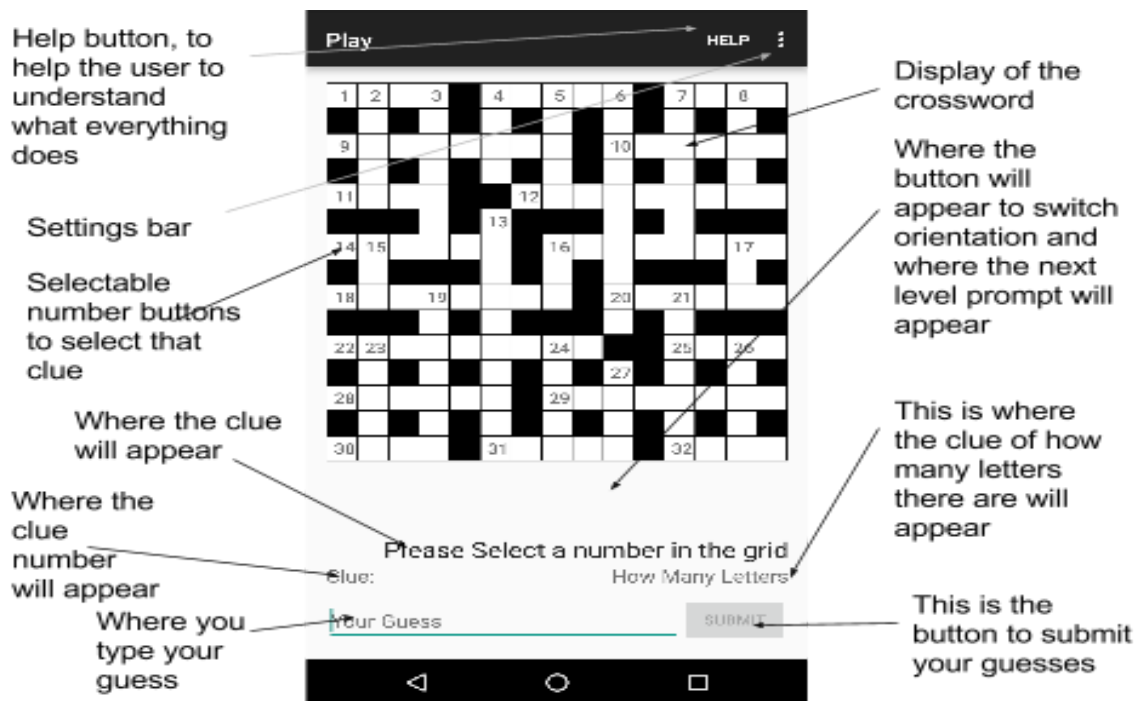
5

Features of the app

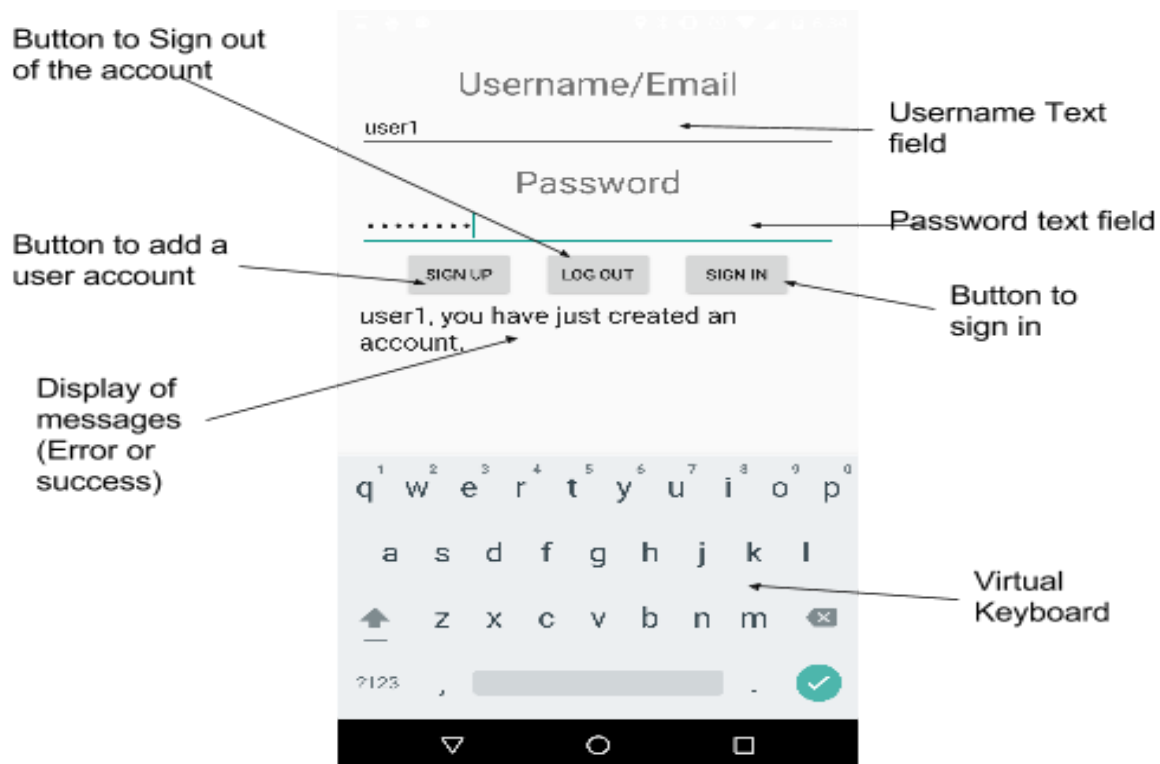
Home Activity



Play Activity

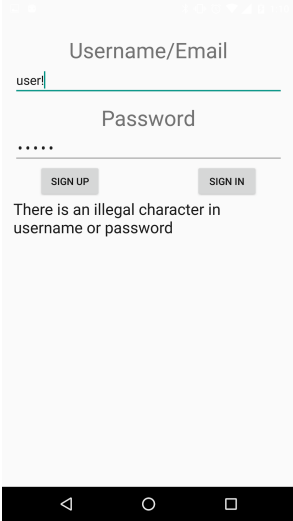
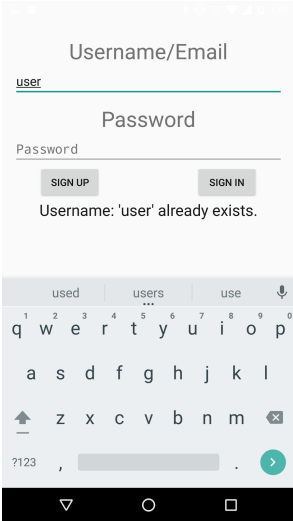


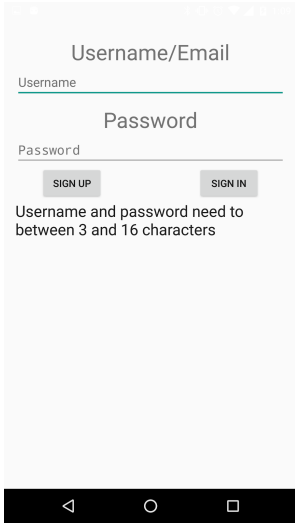
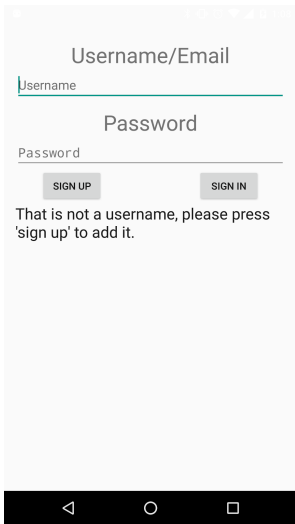
Login Activity

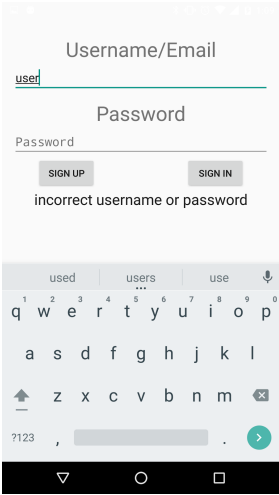


Errors and how to fix them.

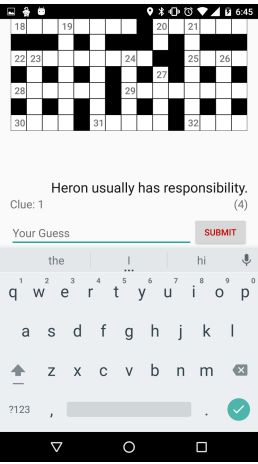
Login:

 <p>The screenshot shows a mobile app login screen. The 'Username/Email' field contains the text 'user'. Below it, the 'Password' field is masked with dots. There are two buttons: 'SIGN UP' and 'SIGN IN'. An error message is displayed below the buttons: 'There is an illegal character in username or password'. The bottom of the screen shows a standard Android navigation bar.</p>	<p>If you get this error message when trying to add a user or logging in, Make sure that it only contains letters and numbers in the username and password. Any characters that have been deemed vital to SQL injection have been removed and will not be allowed.</p>
 <p>The screenshot shows the same login screen as above. The 'Username/Email' field contains 'user'. The error message now reads: 'Username: 'user' already exists.' Below the form, a virtual keyboard is visible, showing the letters 'used', 'users', and 'use' in the suggestion bar. The bottom of the screen shows the Android navigation bar.</p>	<p>If you see the error message when trying to sign up a user, This error message tells you that that username is already being used. If it is your username, then you can simply sign into your account, otherwise select another username and try again.</p>

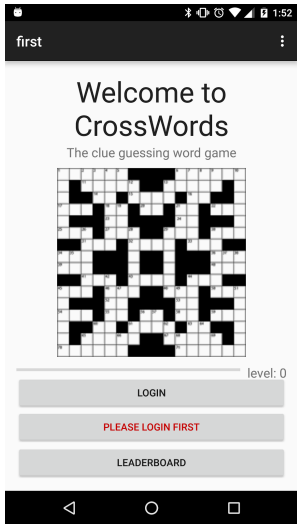
 <p>The screenshot shows a mobile app interface with two input fields: 'Username' and 'Password'. Below the fields are two buttons: 'SIGN UP' and 'SIGN IN'. A red error message is displayed below the buttons: 'Username and password need to be between 3 and 16 characters'. The app is running on an Android device, as indicated by the navigation bar at the bottom.</p>	<p>If this appears when you are creating an account, make sure that both your username and password are between 3 and 16 characters. This is to make sure that the database is secure with stronger passwords. To solve the issue add or take away some characters to ensure both fields are between 3 and 16 characters.</p>
 <p>The screenshot shows the same mobile app interface as the first one. A red error message is displayed below the buttons: 'That is not a username, please press 'sign up' to add it.'.</p>	<p>If you receive this message when trying to sign in, it means that the username that you have inputted does not match anything in our database. Try another username and check for spelling issues in the username. If you cannot remember your username, you can simply create another account using the signup button.</p>

	<p>If this error message appears when you are trying to sign in, It is because the password associated with the username does not match the one you have provided. Please try again or create another user account.</p>
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Playing the game:

	<p>In this case, it is not an error message, yet it is telling you that the answer that you inputted was incorrect. It will accept all characters and values but anything except the correct value will make the submit button turn red. To stop the button being red, you can press back to return to the home screen and reopen or input the correct answer into the box and press the button again.</p>
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Home Screen

	<p>If the play button changes text and colour when you are trying to play, Make sure that you have signed into an account before playing. You can do this by clicking the login button and following the instructions on logging in/ signing up in this document.</p>
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