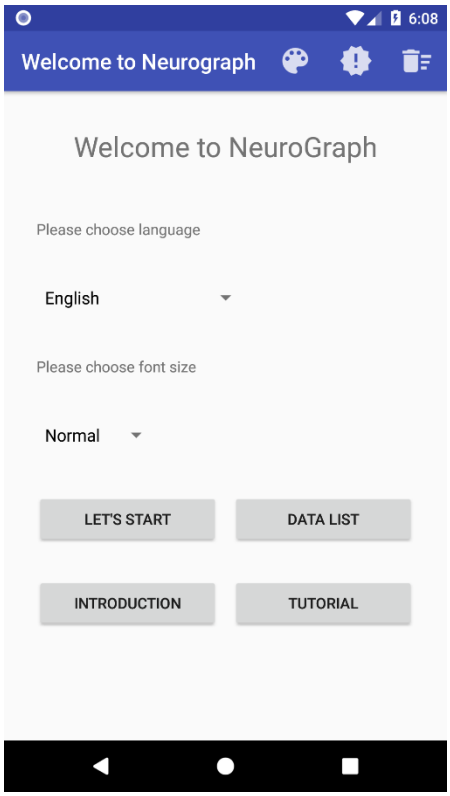
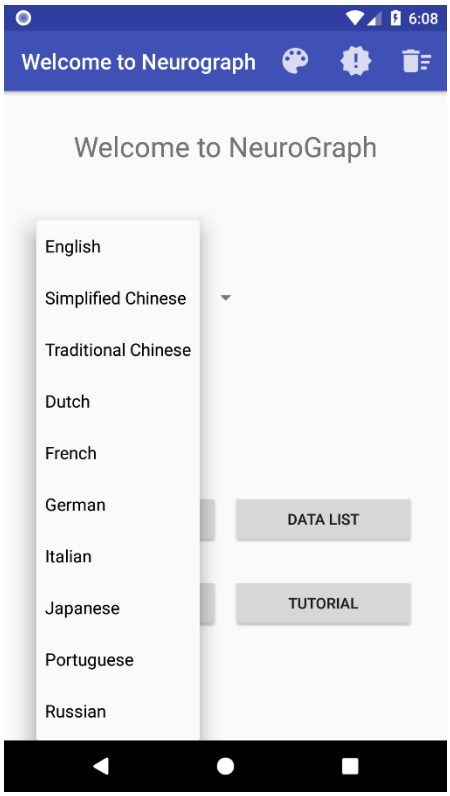
Neurograph User Manual

App Icon and Welcome Page



Home Page

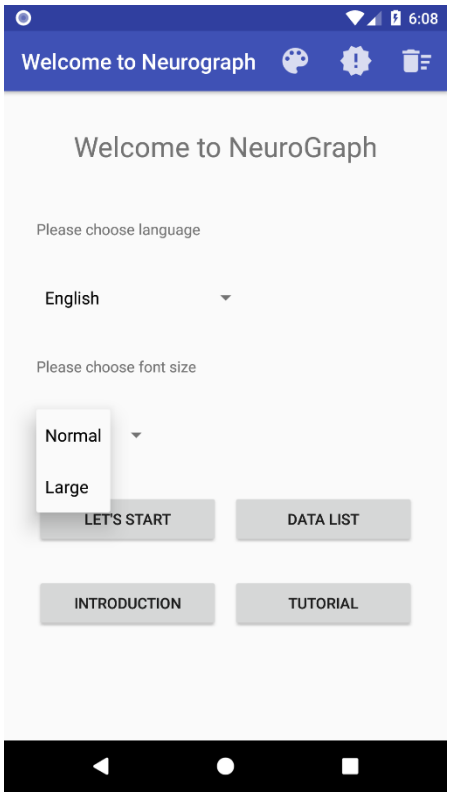
This is the home page of Neurograph. Here you can change the language setting, change the font size setting, see the introduction of the app, view tutorials, start the tests etc.



Choose Your Preferred Language

You can choose your preferred language, this change will takes effect immediately.

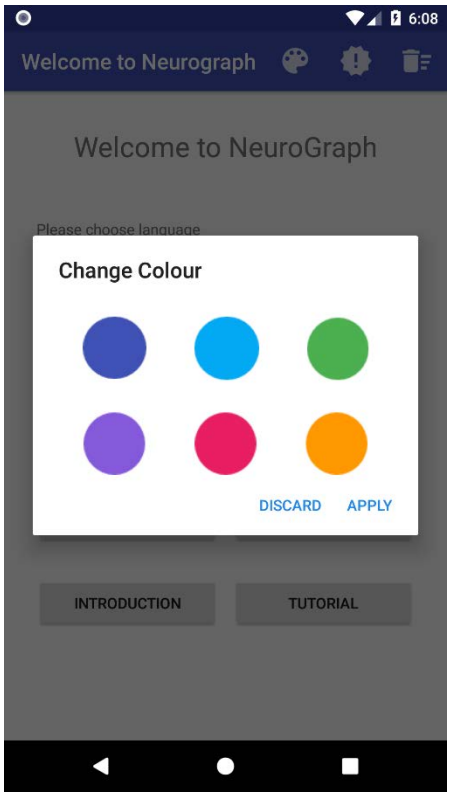
(This setting can also be changed after you log in)



Choose Font Size

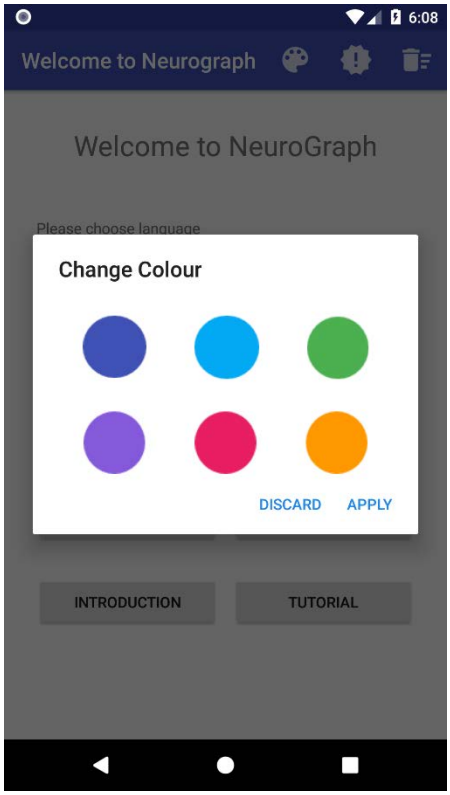
You can choose your preferred font size, this change will takes effect immediately.

(This setting can also be changed after you log in)



Choose your preferred colour theme

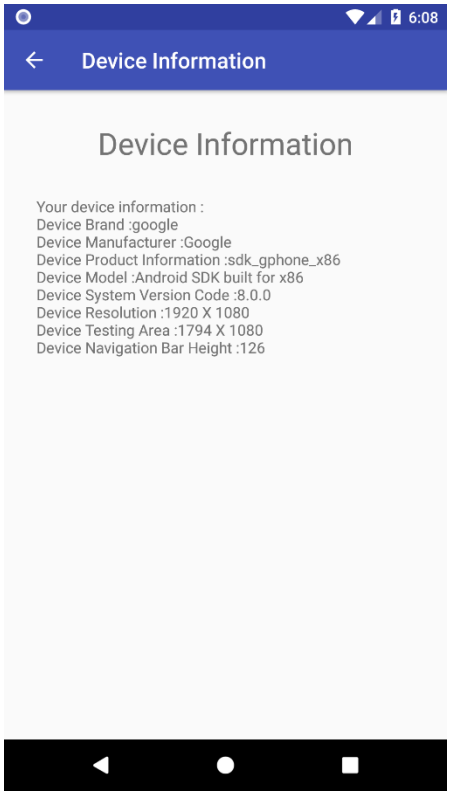
You can choose your favourite colour theme.



View App information

You can see the information about this app here.

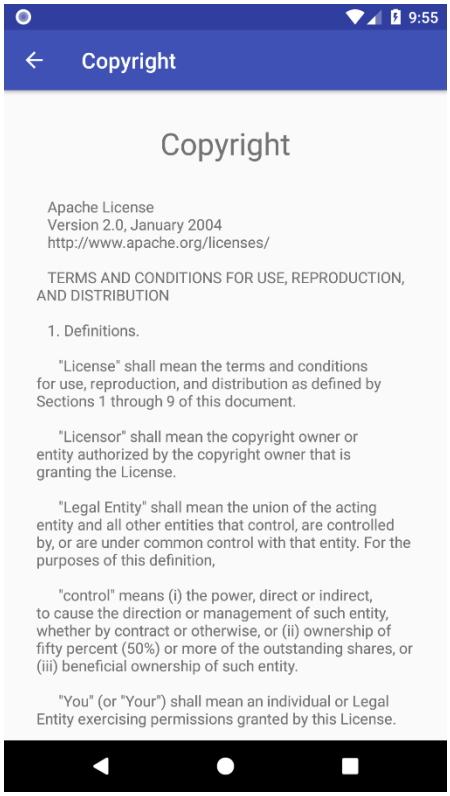
// TODO



View Device Information

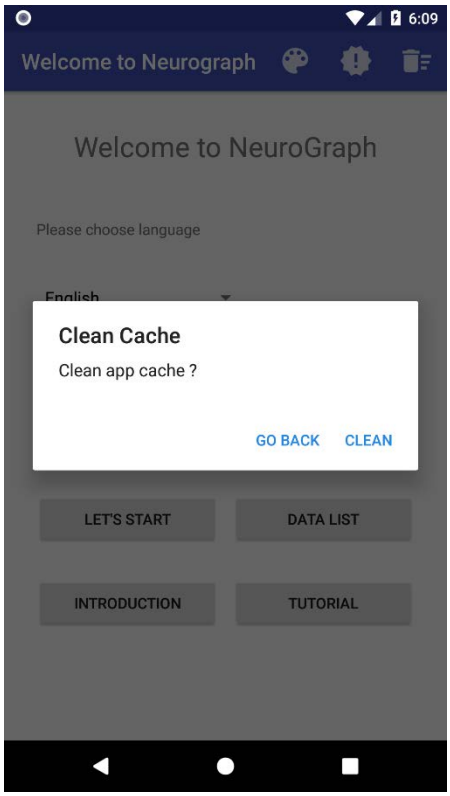
This page contains all the information about your test device.

For example, your device brand, device resolution, device testing area size, device navigation bar height, device system version code etc.



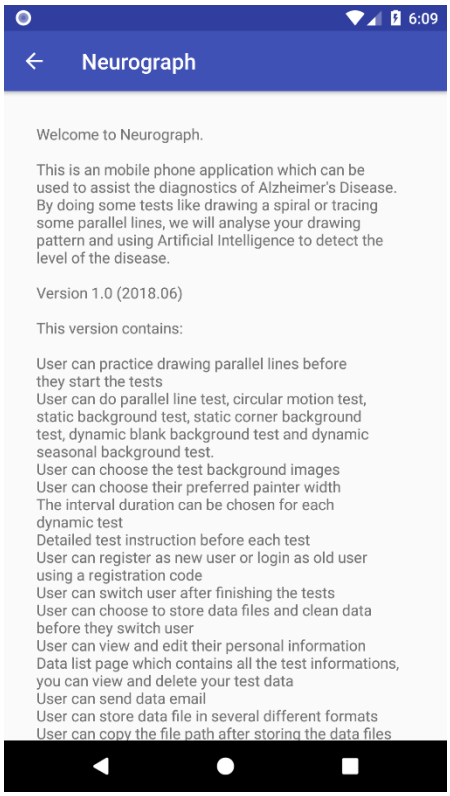
View copyright information

This page contains all the information about the copyright of this app.



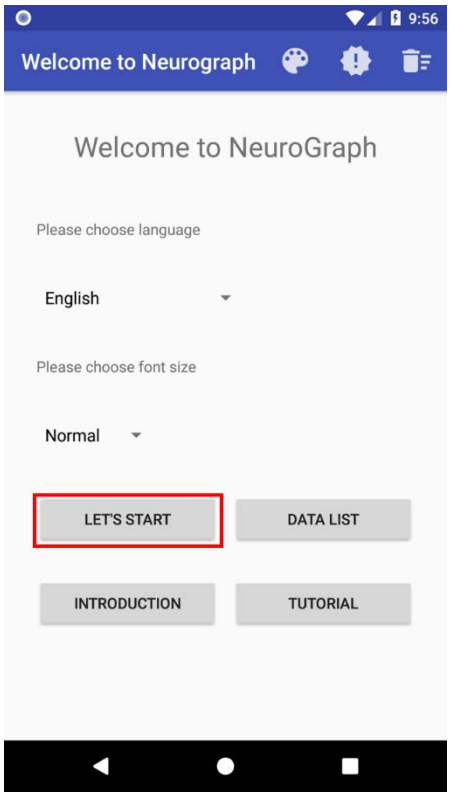
Clean App Cache

You can clean the cache of the app. This will make the app faster.



View information about the app

This page contains the introduction of what's new in this release.

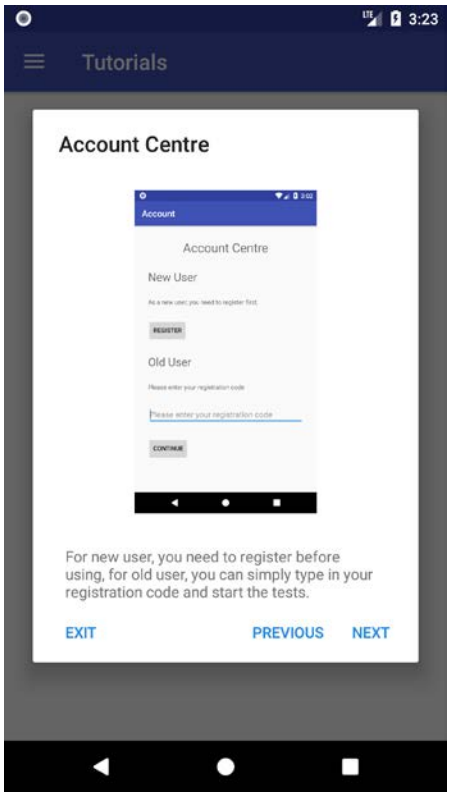


View Tutorials

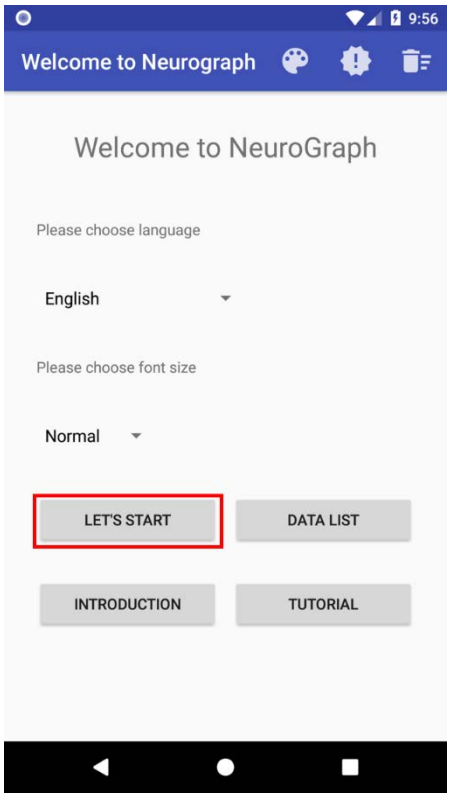
You can find the tutorials of this app. They are very helpful to guide you to use this app.

You can choose any tutorial you want to view through the navigation bar on the left.

// TODO

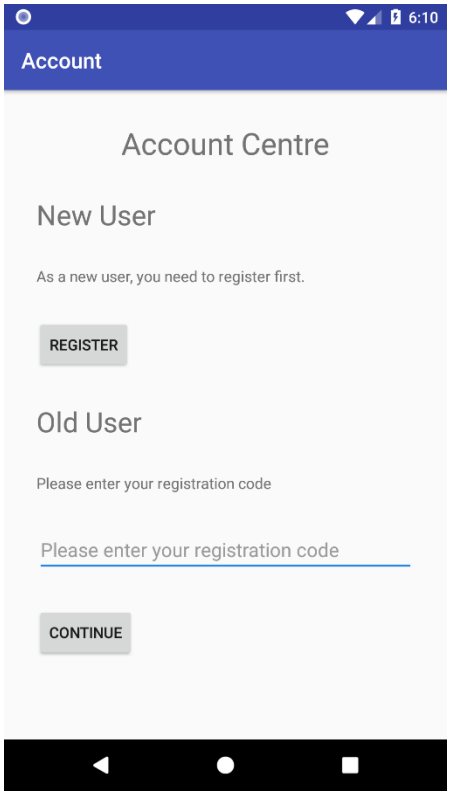


For each of the tutorials, you can click “Previous” or “Next” to switch between tutorials, or you can click “Exit” to exit the tutorials.



Click Let's Start to log in

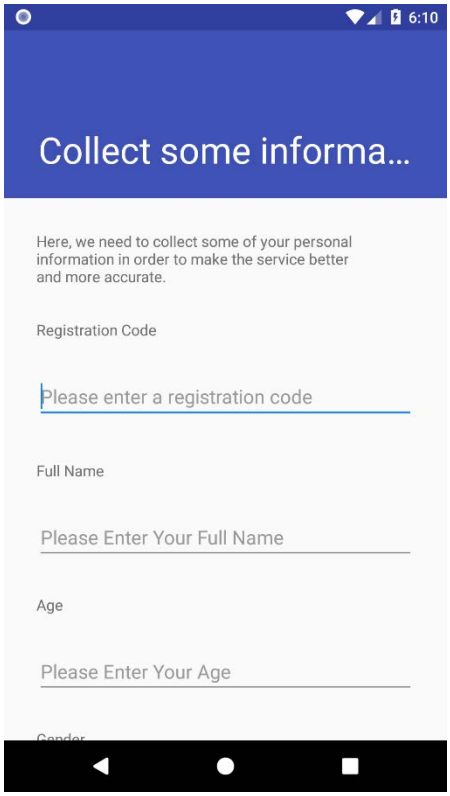
Please click "Let's Start" to log in and do the tests.



Account centre

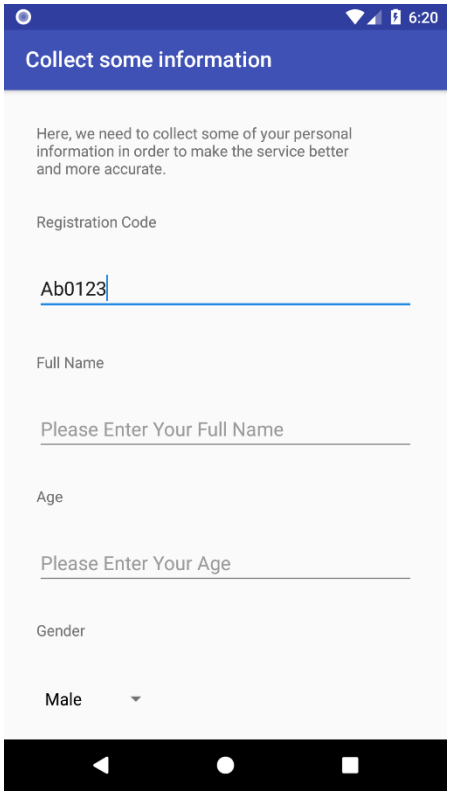
New user needs to register before doing the tests.

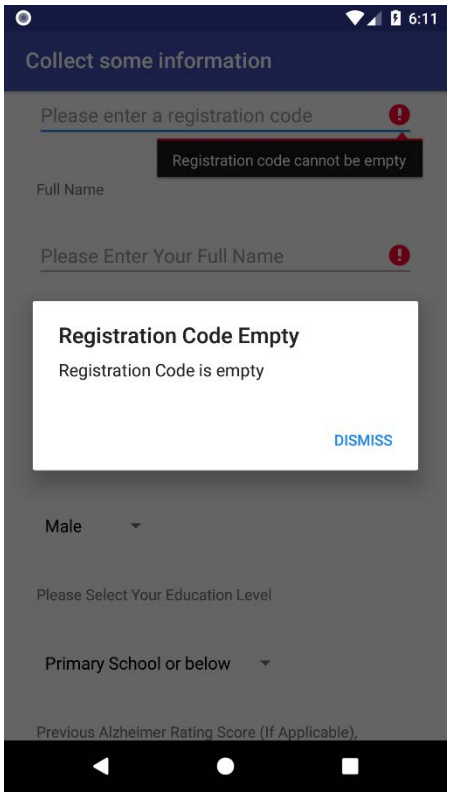
Old user need to enter their registration code to continue their tests.



Registration Page

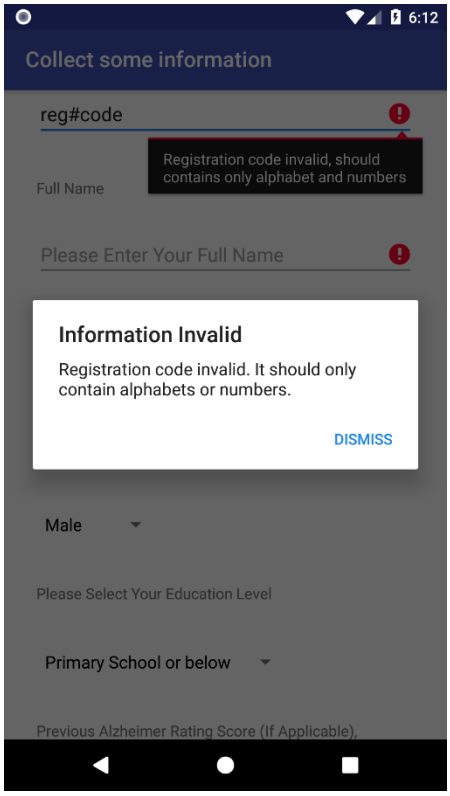
you need to enter some information like your name, age, education level etc. This will help to make our app more accurate.



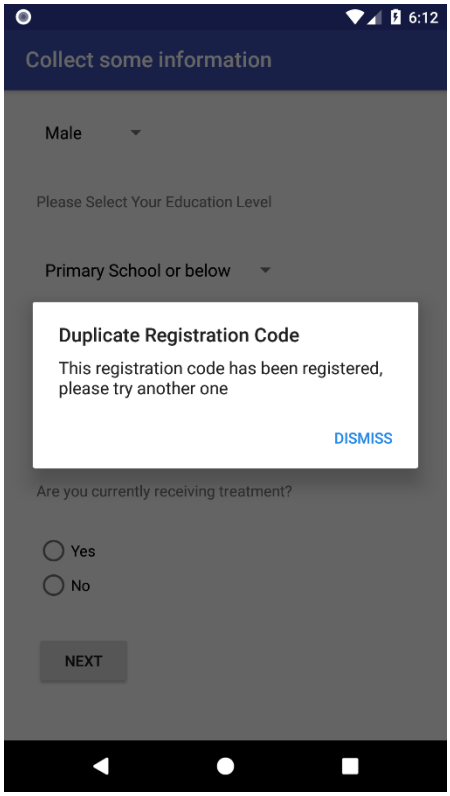


Registration Code

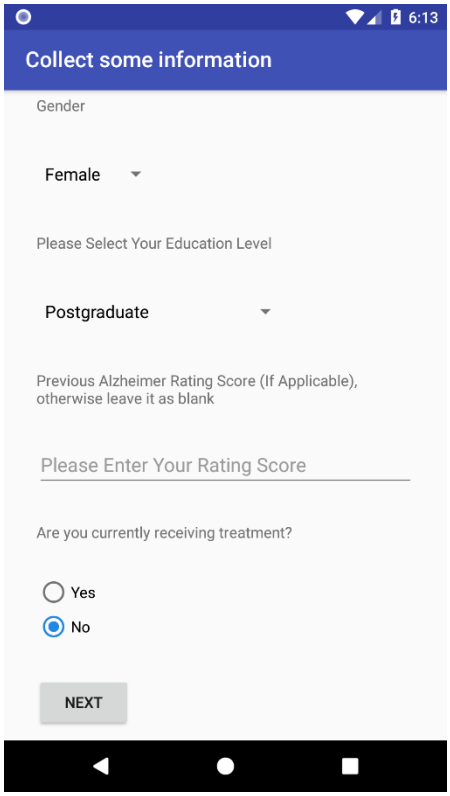
The registration code cannot be empty



The registration code can only contain number and letters (A-Z, a-z, 0-9).

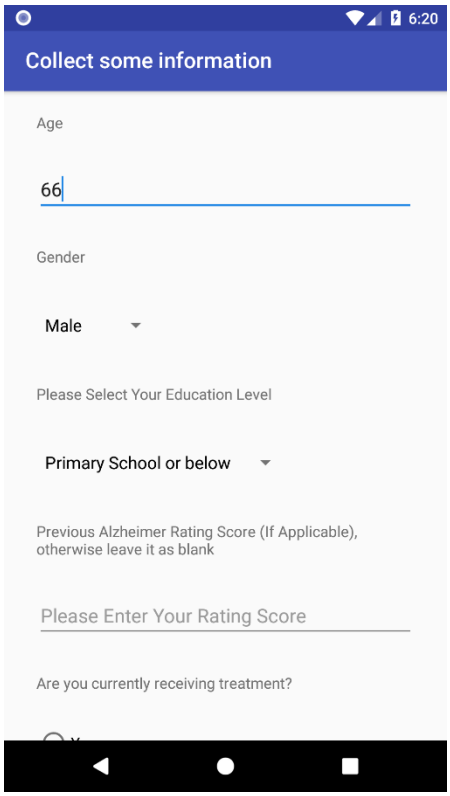


The registration code also cannot duplicate, so if the registration code you entered duplicates with other patients' registration code, you will be asked to try another one.

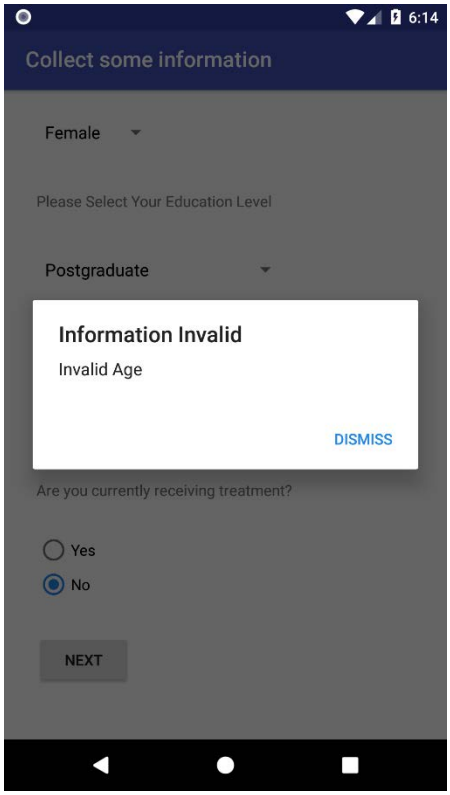


Information Collection

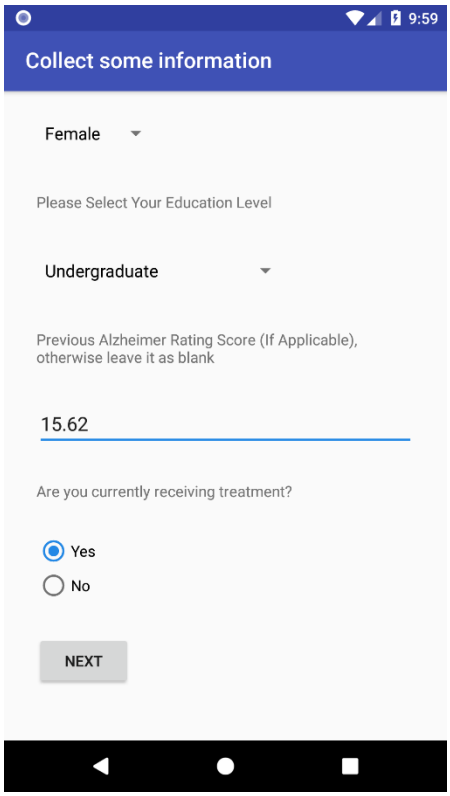
All the information cannot be empty, except rating score. Please leave rating score blank if you don't have previous rating score



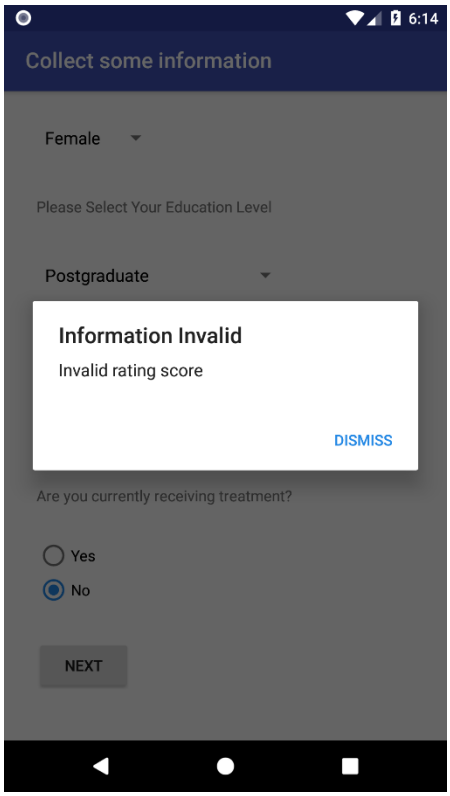
The age must be a valid numerical value between 1 and 170



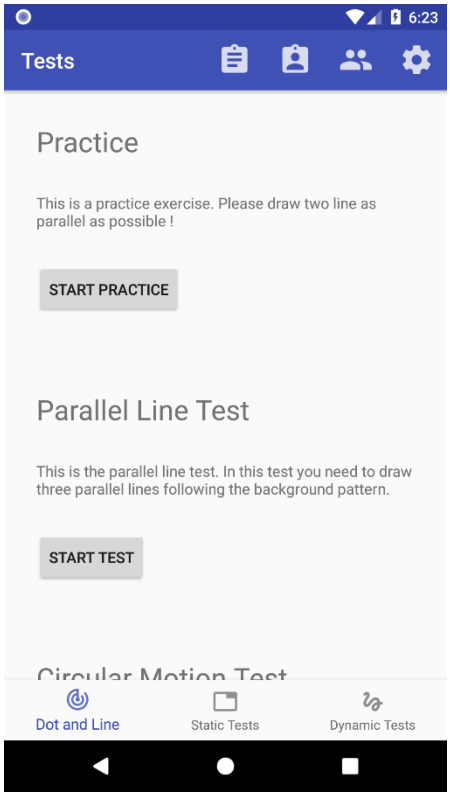
If the age information you entered is invalid, you will get a prompt message reminds you the invalidity of the information.



If you get a rating score, it should also be a valid number

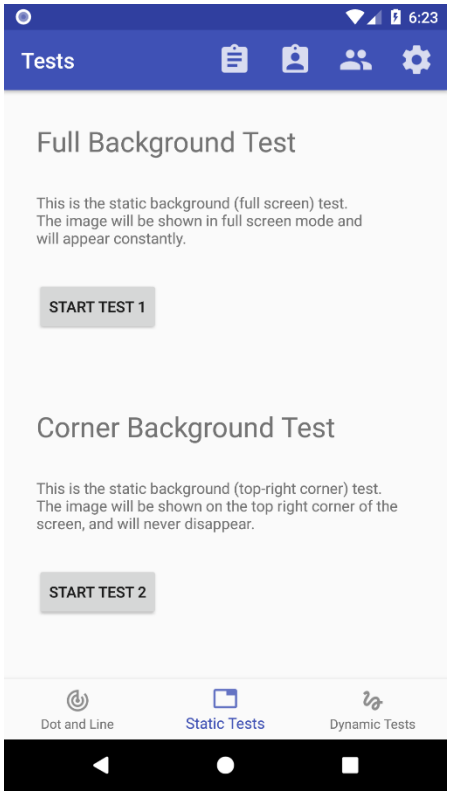


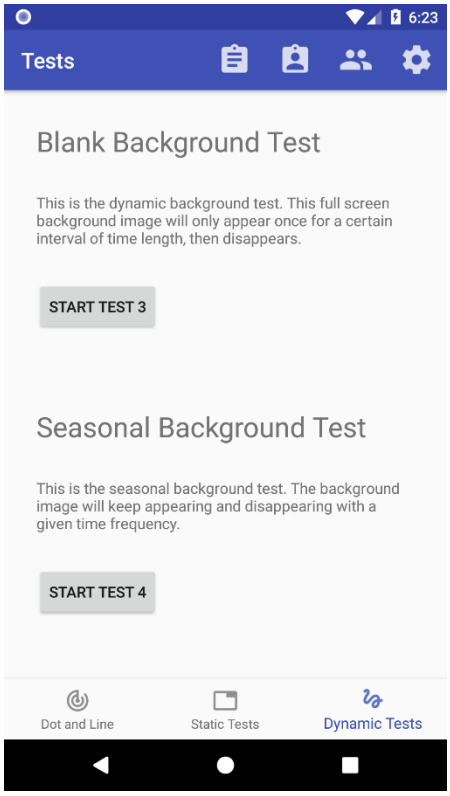
Placeholder



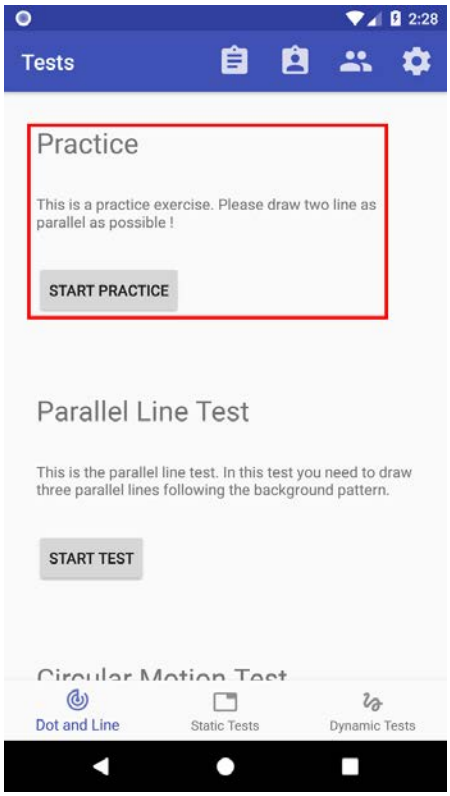
Test Selection

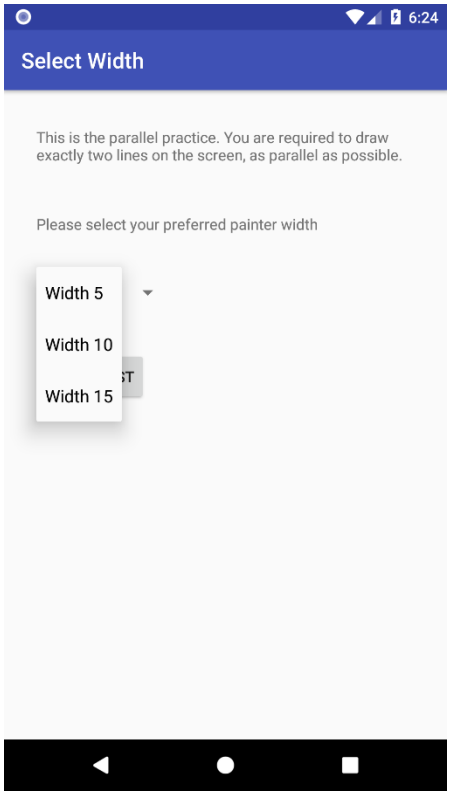
In this page you can select the tests you want to do. There are three tabs, the first tab called “Dot and Line”, which contains parallel line practice, parallel line test and circular motion test, the second tab called “Static Tests”, which contains the static full background test and static corner background test, and the third tab called “Dynamic Test”, which contains dynamic blank background test and dynamic seasonal background test. You can select multiple test to do and you can do a single test as many times as you want.



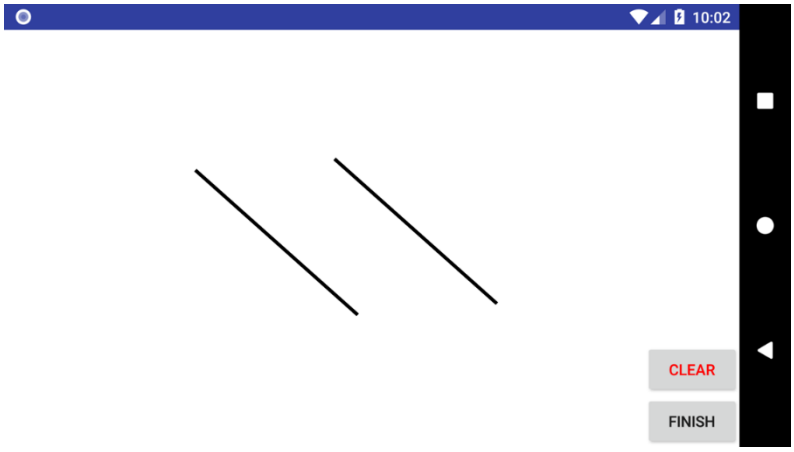


Parallel Line Practice





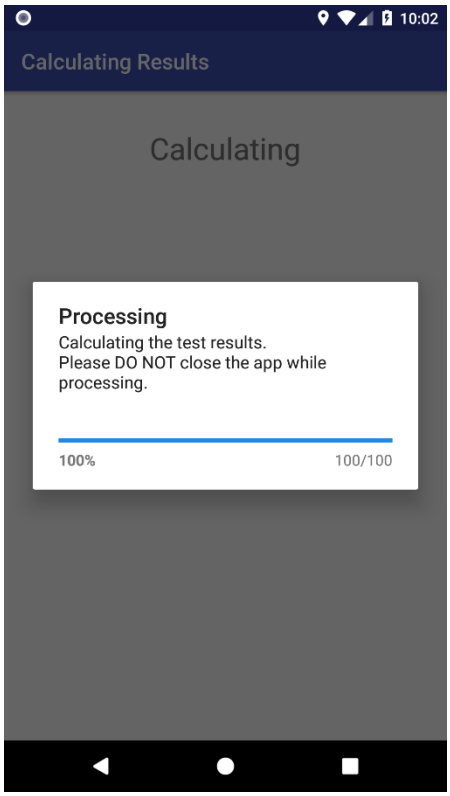
Choose painter width before starting



This is a place where you can practice drawing on this device. In this practice, you are required to draw exactly two lines which are parallel with each other.

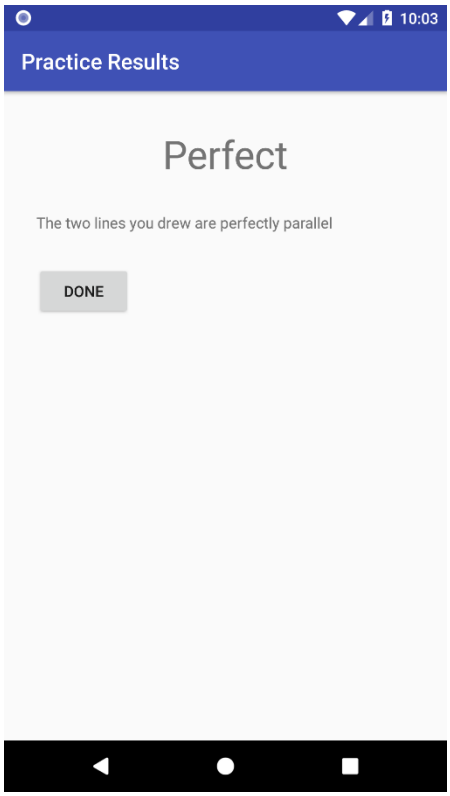
Finish & Clear

Click “Finish” to finish the test, click “Clear” to clear the screen.



Calculating Results

Please wait for a few seconds while we are processing the data. During processing please do not close the app.

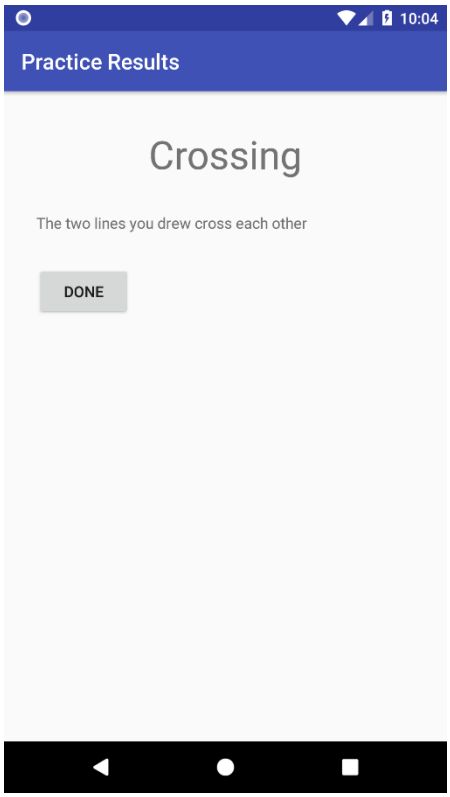


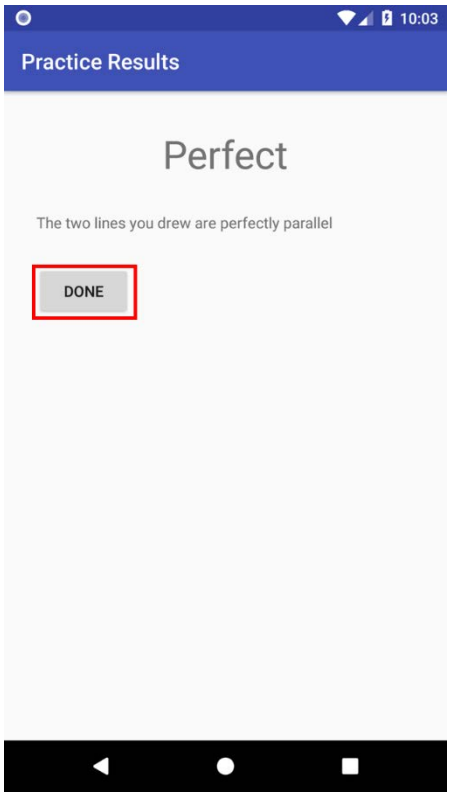
Practice Results

After finishing the practice, we will calculate whether these two lines you draw are parallel.

If there is no drawing at all or only one line, then the app will tell you “No Drawing detected”

If there are two valid lines, the app will calculate whether they are parallel or not, possible results are Perfect, Good, Acceptable, Bad or Crossing.

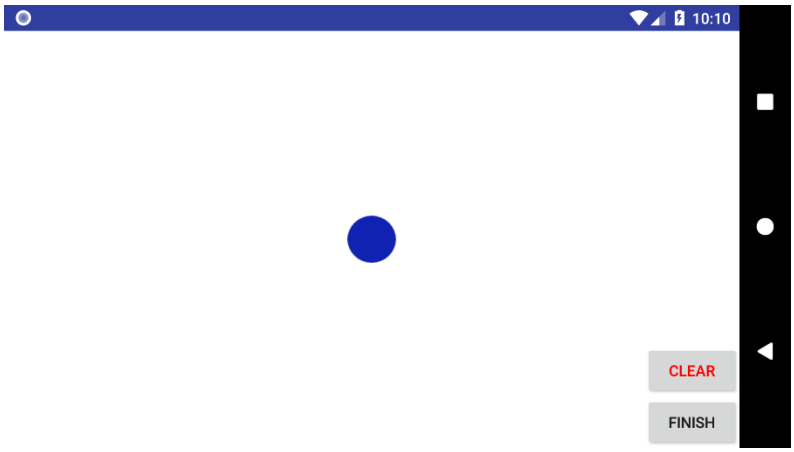




Click done to exit.

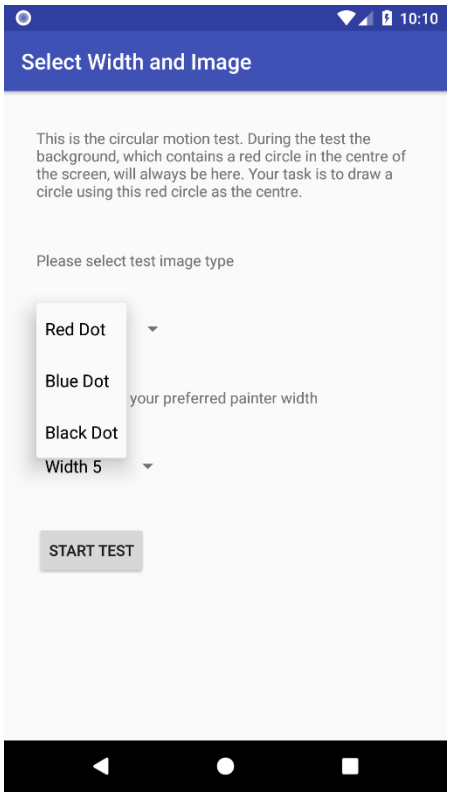
Parallel Line Test

This is the Parallel Line Test. In this test you are required to follow the template image on the background, which contains three parallel lines, to draw three parallel lines on the background image.



Circular Motion Test

This is the circular motion test. You need to draw a circle, using the dot as the centre.

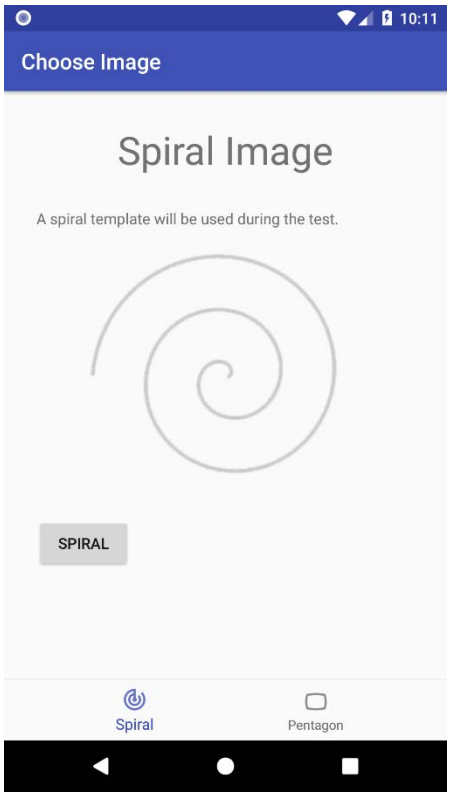


Choose the background

For Circular Motion Test, you can choose the colour of the dot. There are three colours: red, blue and black.

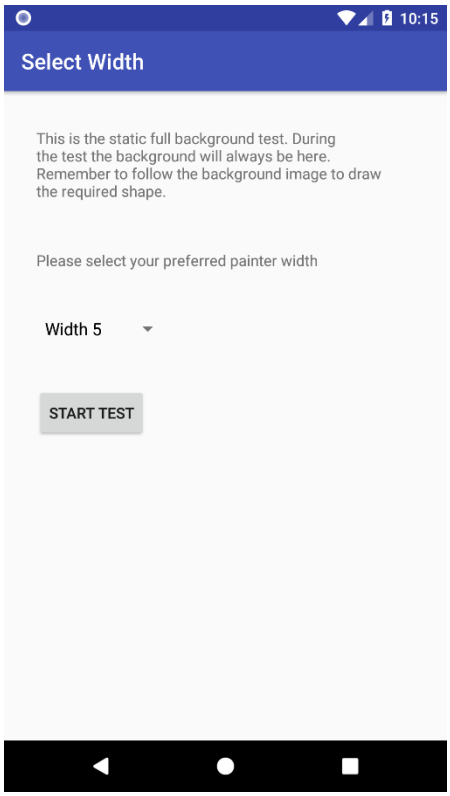
Static Full Background Test

This is the static full background test. In this test, you are required to follow the background image to draw the required shape.



Choose test background image

In this page you need to choose the background image you want to use in this test. There are two types of image you can choose. The first one is the spiral image, and the second one is the pentagon image.

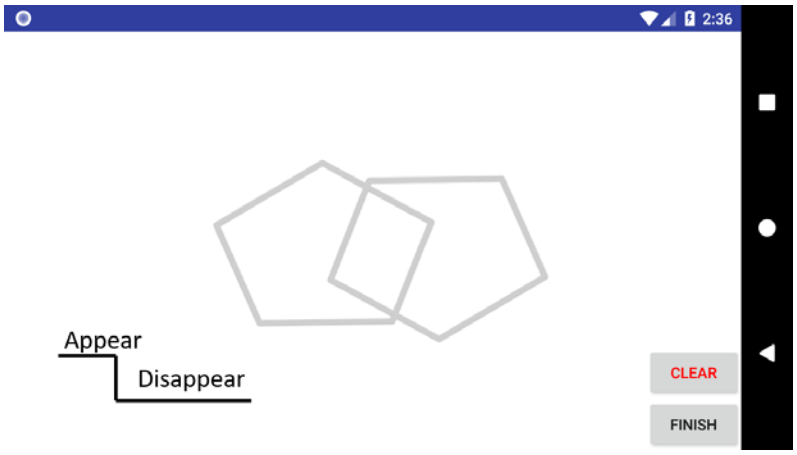


Choose painter width

You also need to choose the painter width.

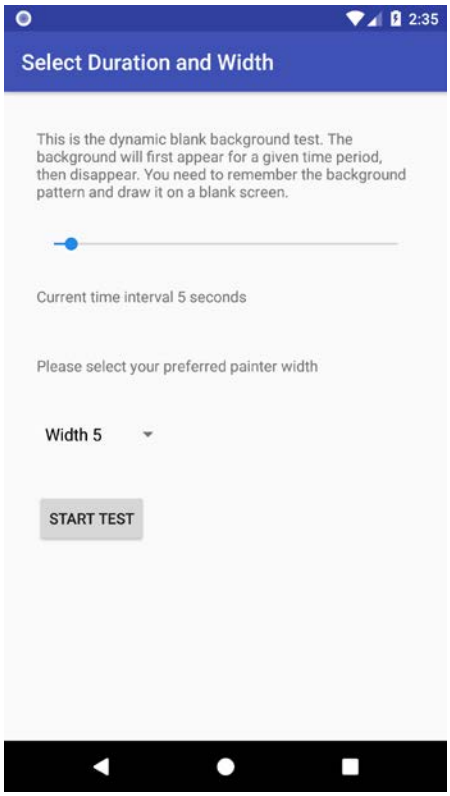
Static Corner Background Test

This is the static corner background test. In this test the background image is located on the top-right corner of the screen. You are required to draw the required shape in that image.



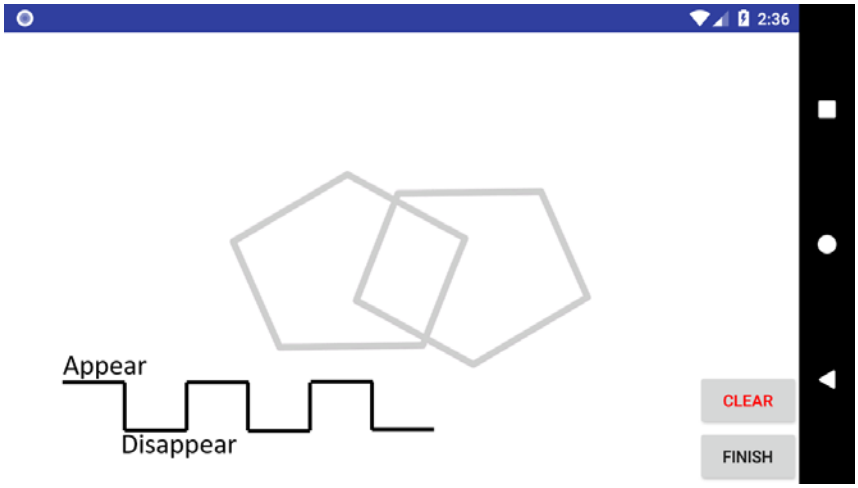
Dynamic Blank Background Test

This is the dynamic blank background test. In this test, the background image will first appear for a specific period of time, then disappear. You need to remember the background pattern and draw the shape on a blank screen after the background image disappears.



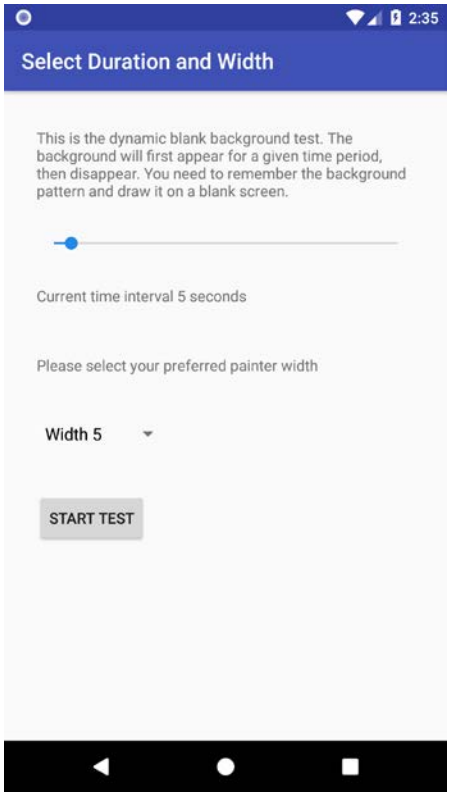
Choose Time Interval

You need to choose how long you want the background image to show at the beginning of the test.



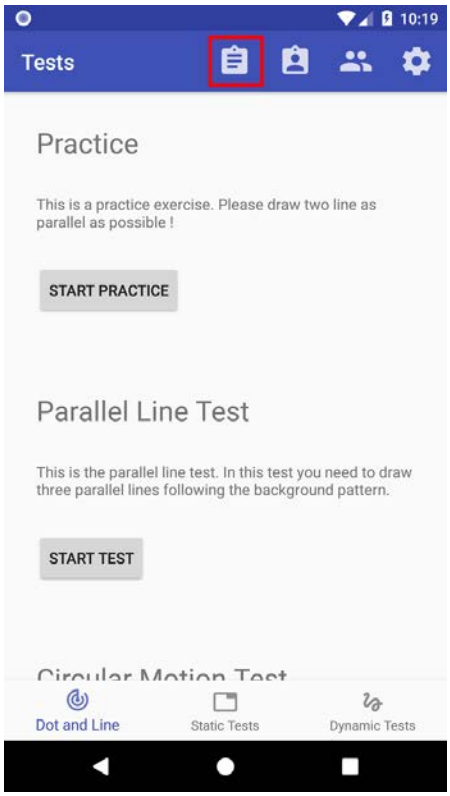
Dynamic Seasonal Background Test

This is the dynamic seasonal background test. In this test the background image will keep appearing and disappearing, with certain time interval specified. You are required to follow the background image to draw the required shape.



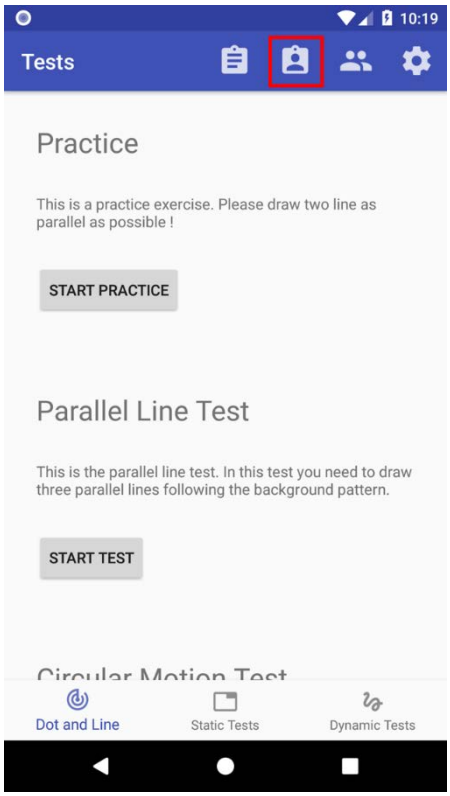
Choose Time Interval.

You need to choose the time interval for the background image to keep appearing and disappearing.

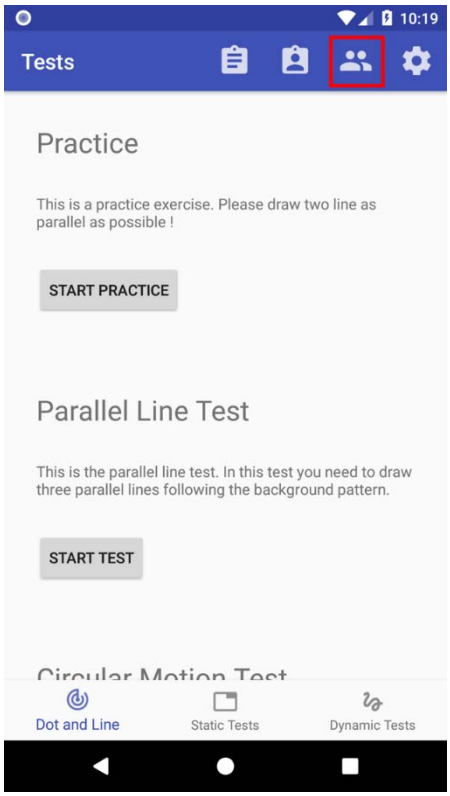


Test Selection Page toolbar

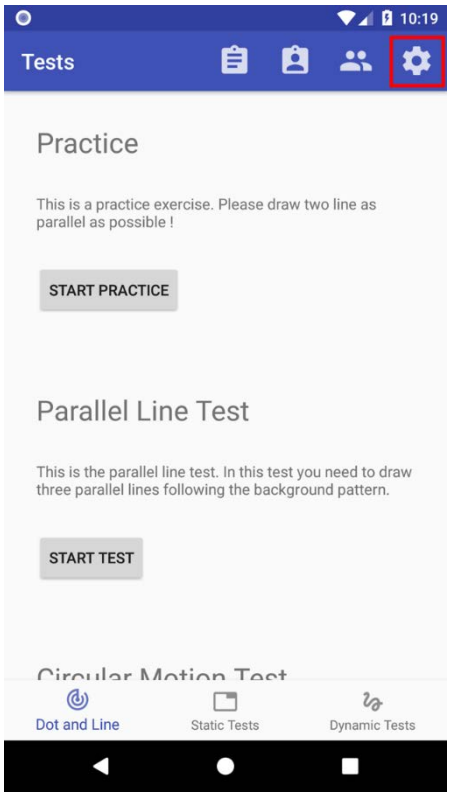
You can click here to access the data list.



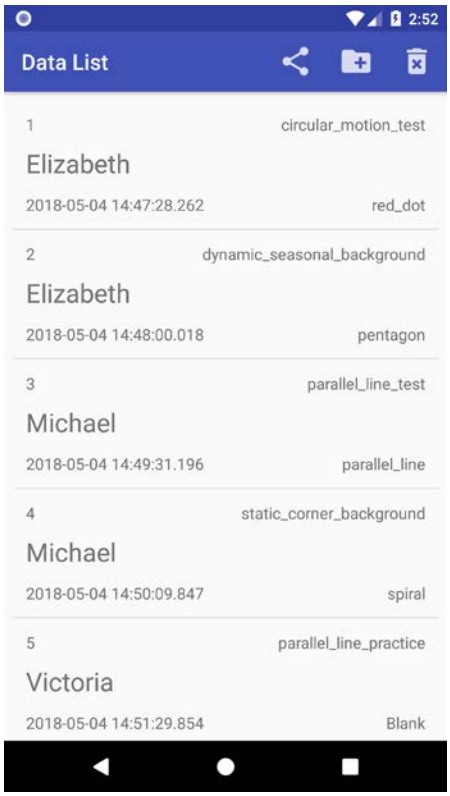
You can click here to view or edit your personal information



You can click here to switch user

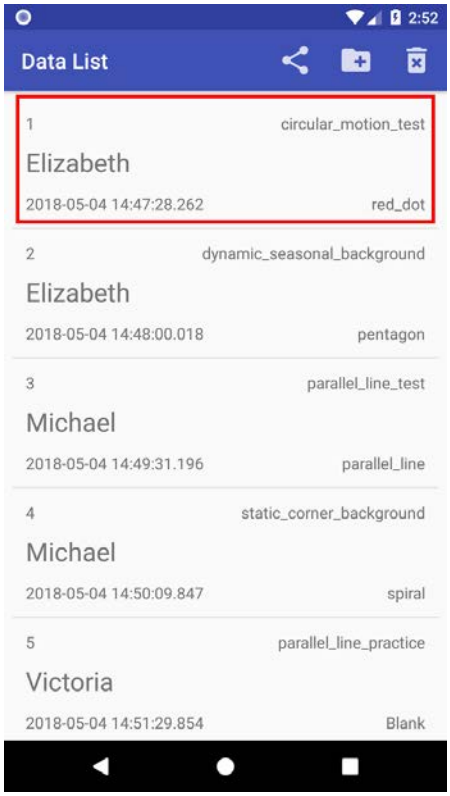


You can click here to change the setting of language and font size.



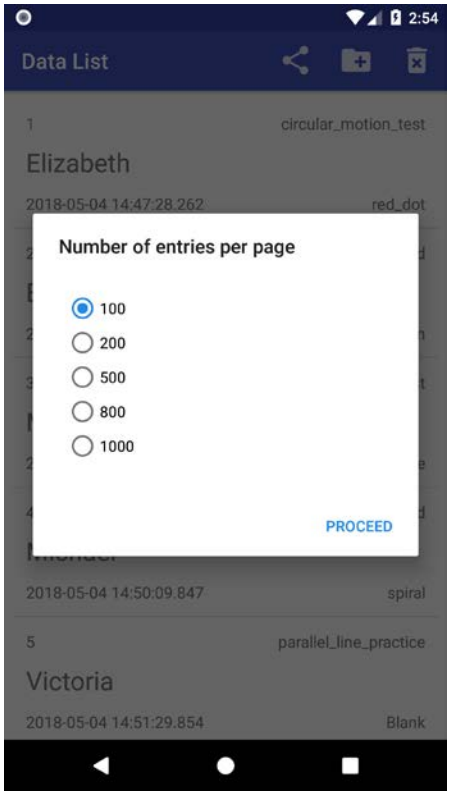
Data List

Here you can see all test of all the users.

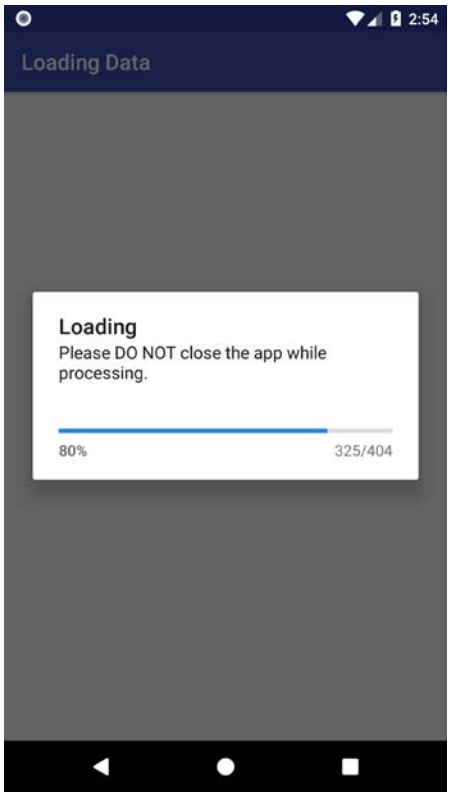


Each tab shows the test ID, the testee's name, the test date and time, test type and image type.

Click the tab to see the details of this test.

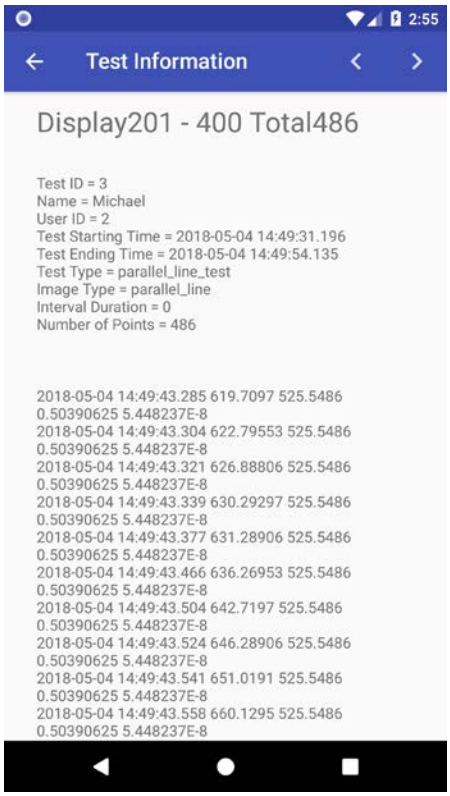


You need to choose how many entries you want to show on each page. Since in each single test there can have many data points.



Loading

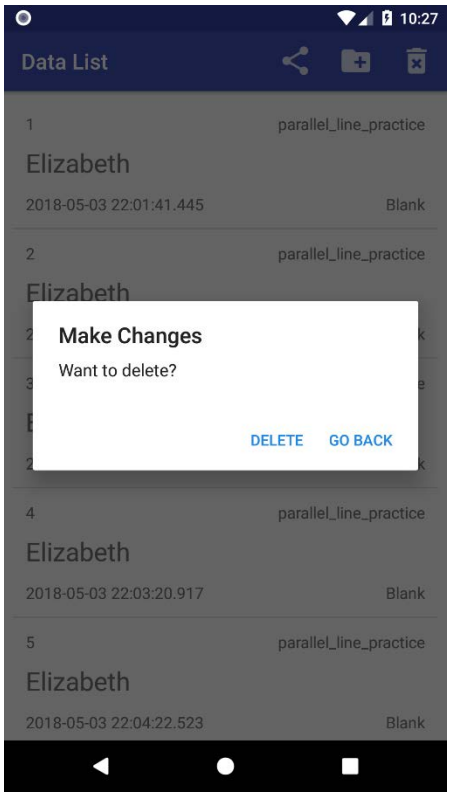
During the loading process please do not close the app.



Test Information

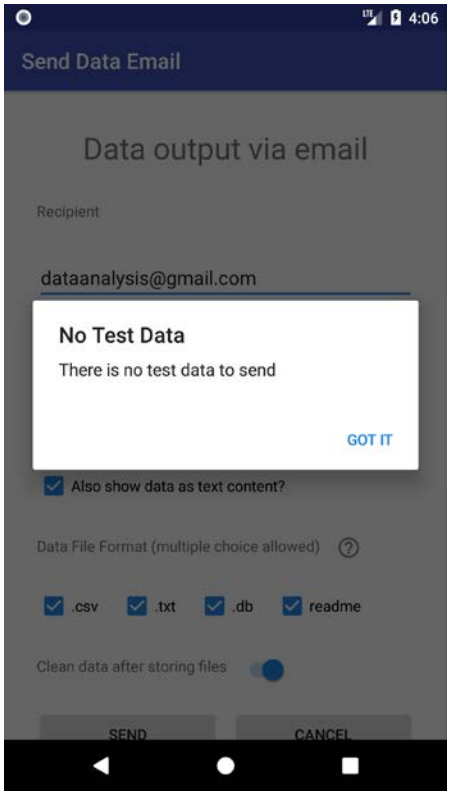
Here you can see all the information about this test, including the test ID, testee ID, testee name, test starting time, test ending time, test type, image type, interval duration, number of points collected, and the x, y coordinates, pressure and touch point size of every single point collected in this test.

Click here to go to the previous / next page.



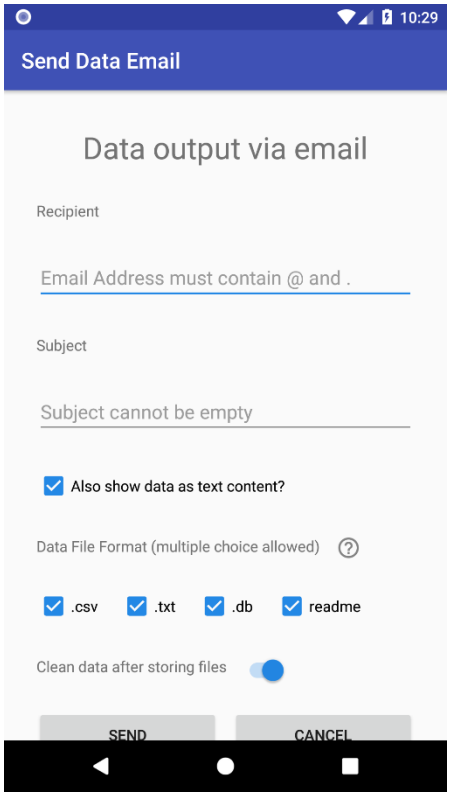
Long click to delete a test.

You can delete a test by long clicking it in the data list.



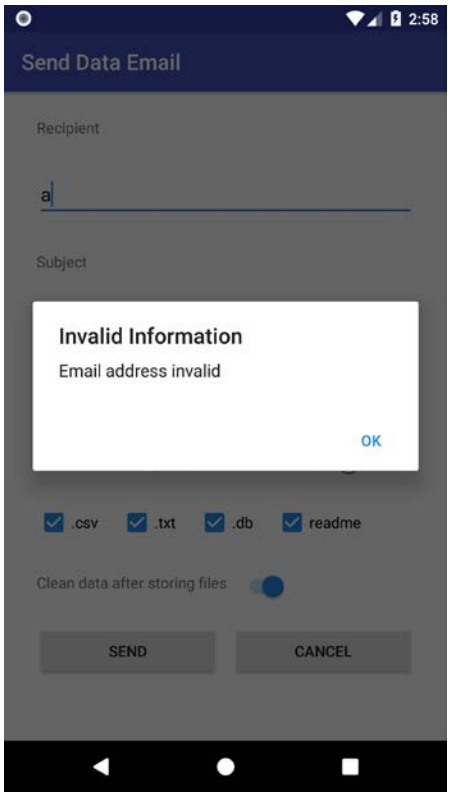
Sending Data File Email

There must have some test data to be sent via email. If there is no test data, you can't send an email.

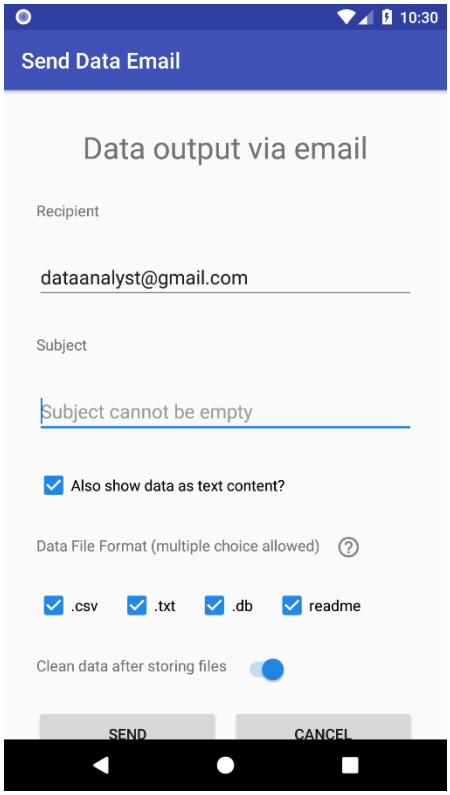


Email Recipient and Email Subject

You can send all the test data via email. In this page you need to enter the recipient email address, this email address cannot be empty, and it should also be a valid email address, which means it should contain "." And "@". You also need to enter the subject of the email. This cannot be empty as well.

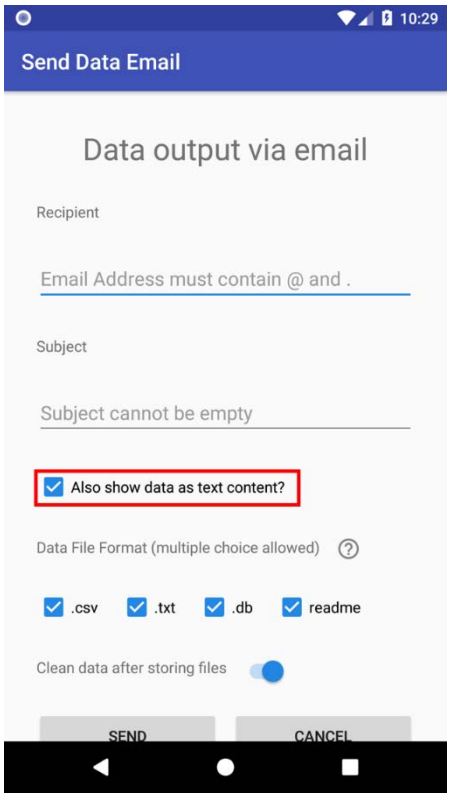


The email address cannot be invalid.



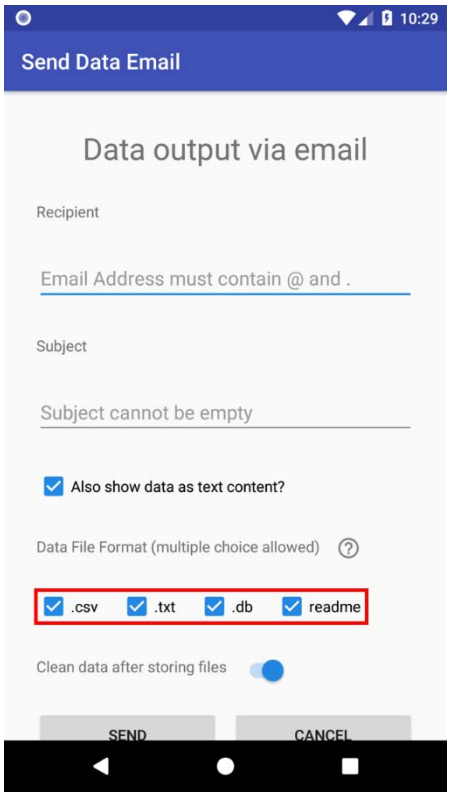
Automatically remember the email address used previously

The app will automatically remember the email address used previously



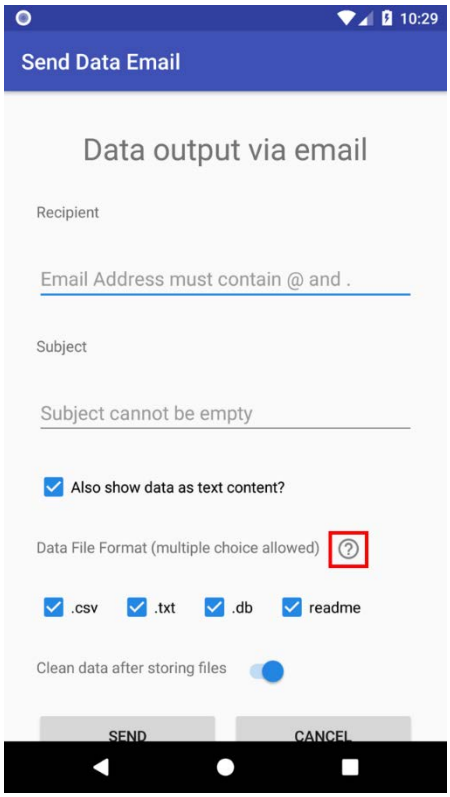
Email Content

You can choose to show the data details as content of your email.



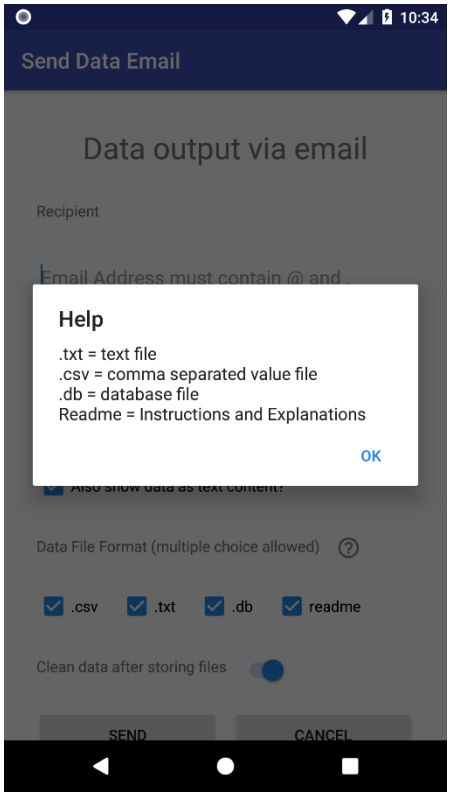
Email Attachment Data Files

You can choose which type of file you want to send. You can choose all of them, but you need to choose at least one.



Data Files Help

Click here to see what these file types mean.



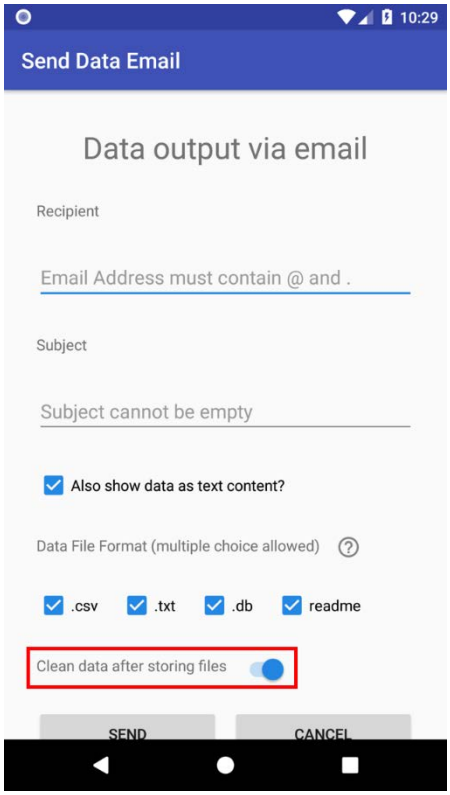
Help Message

.txt means text file

.csv means comma separated value file

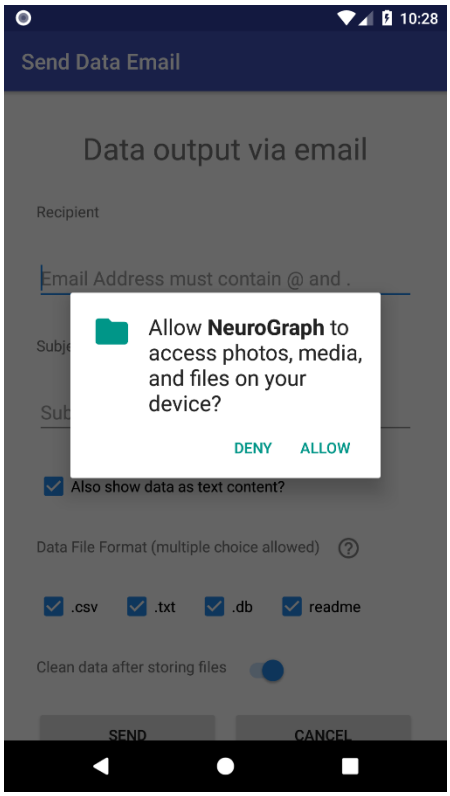
.db means database file

Readme contains the instruction and explanation of the data files.



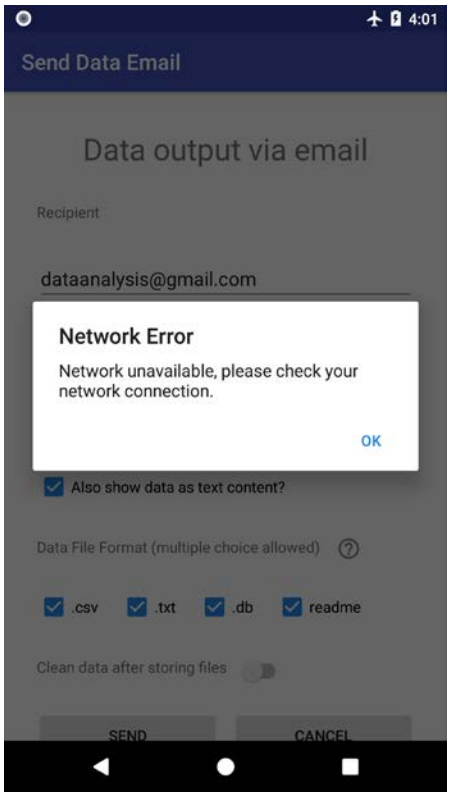
Clean data after sending files

You can choose to clean all the test data on this device after sending the data email.



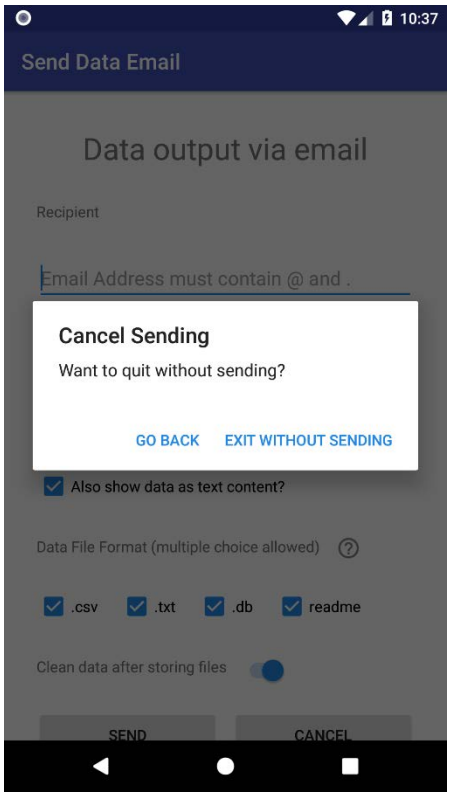
Permission

For a successfully sending, you need to grant the permission to Neurograph. This permission granting message will only be shown once. You can go to your device's setting to change the permissions.



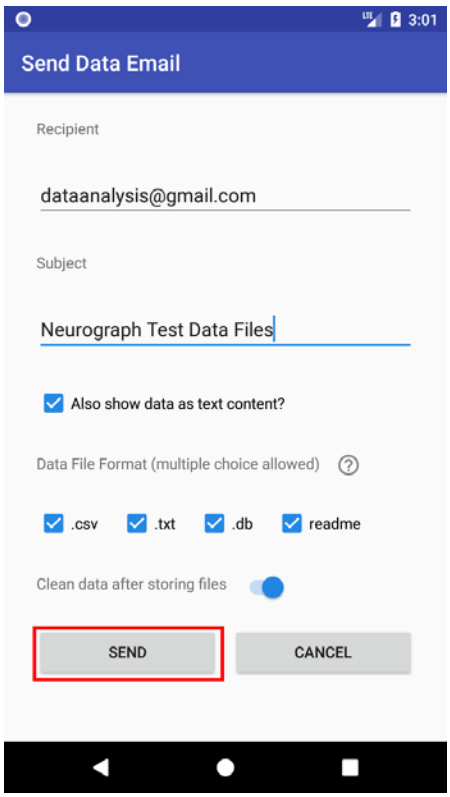
Network Connection

For a successfully sending, your device needs to connect to a stable network, either WiFi or mobile network. The app will automatically detect network state, if there is no network connection, you cannot send an email.



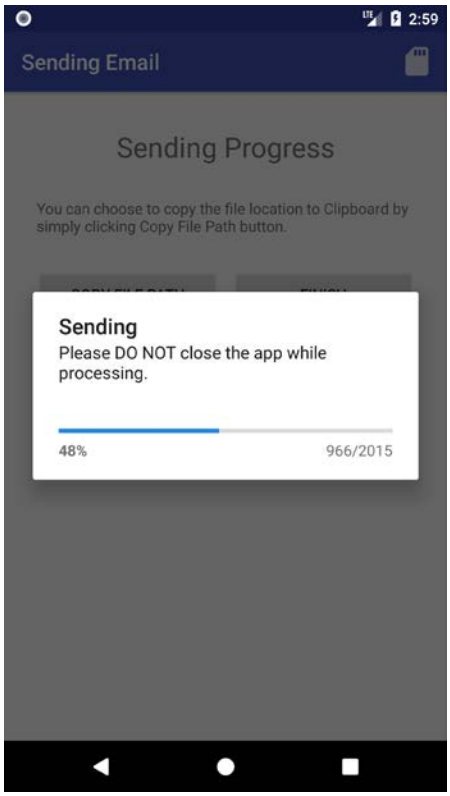
Cancel sending

You can click “Cancel” to cancel sending this email.



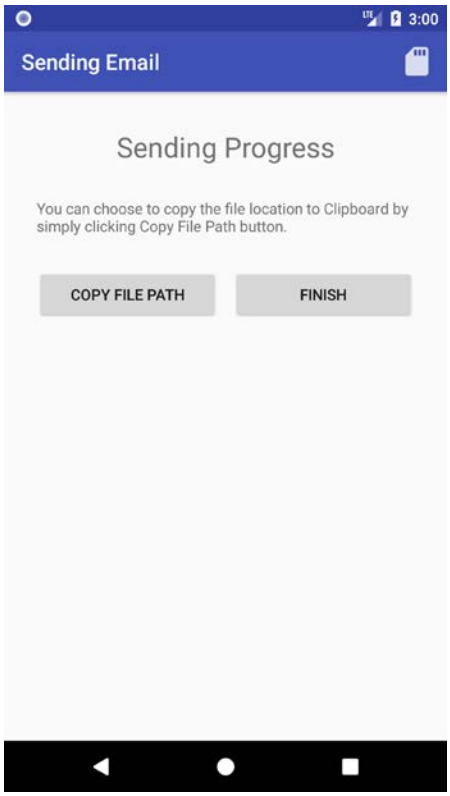
Send it

Click “Send” to send it. During the sending process please do not close the app.



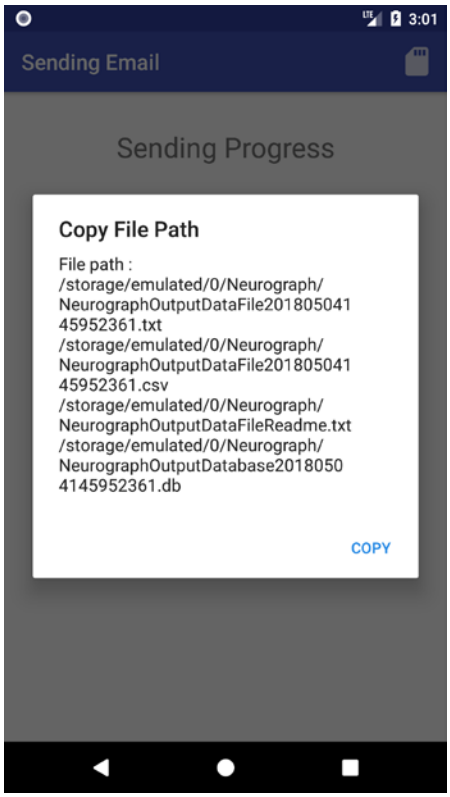
Sending Progress

During the sending progress, please do not close the app, otherwise the data email cannot be sent successfully.



Successfully Sent

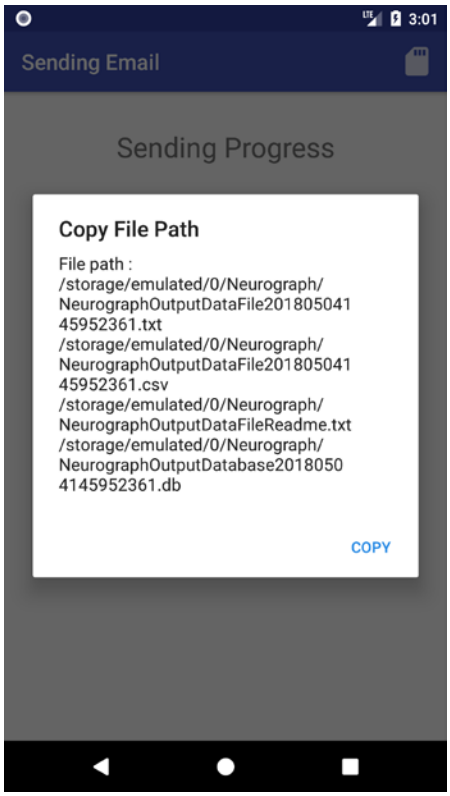
The email which contains the data files has been sent successfully, and the data files have also been stored on your device.



Notification

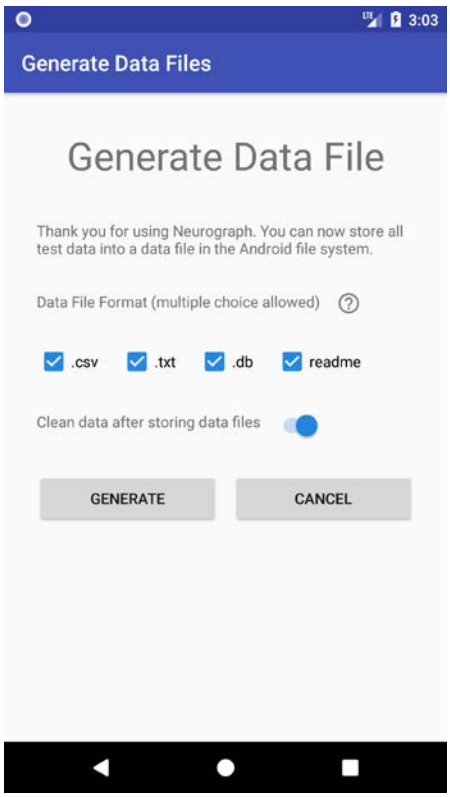
When the sending process finished, you will receive a notification.

// TODO



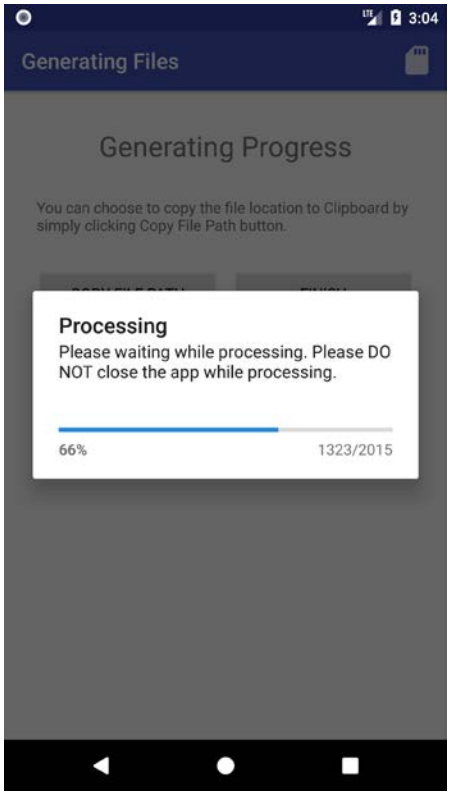
Copy File Path

You can copy the file path of the data file to clipboard.



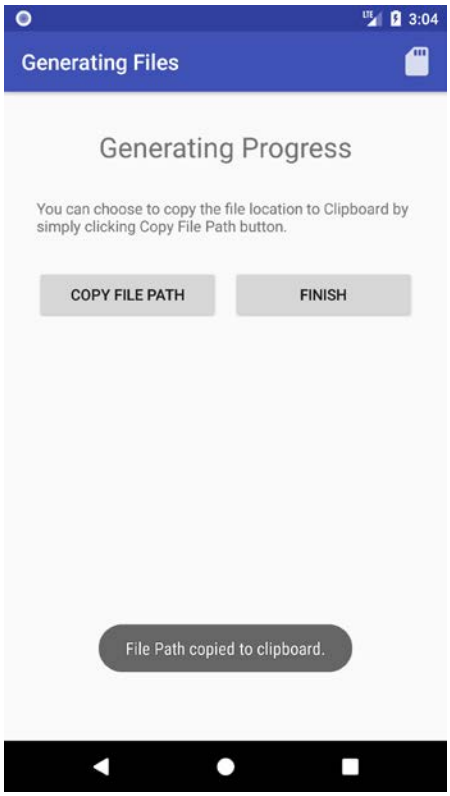
Store Data File

You can store the data file without sending it through email. You also need to choose the file type you want to store, you can choose all of them and you need to choose at least one of it. After storing data file, you can choose to clean all the test data. Click “Help” to see what these file types mean.



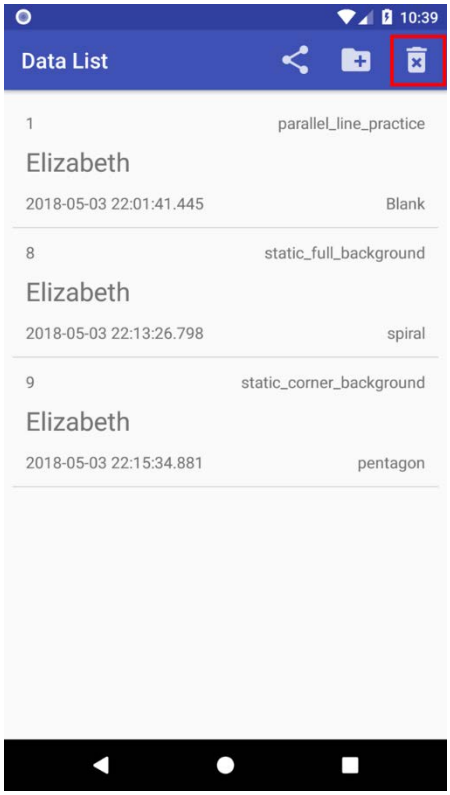
Generating Progress

During the generation process please do not close the app.



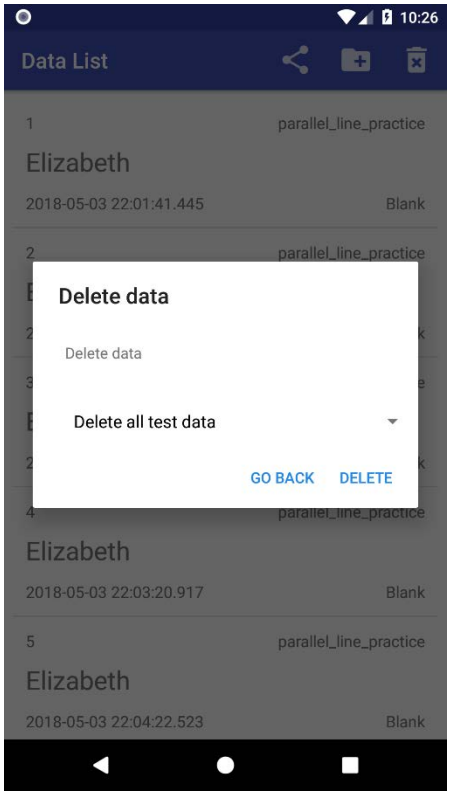
Copy File Path

You can copy file path to the clipboard.



Delete Data

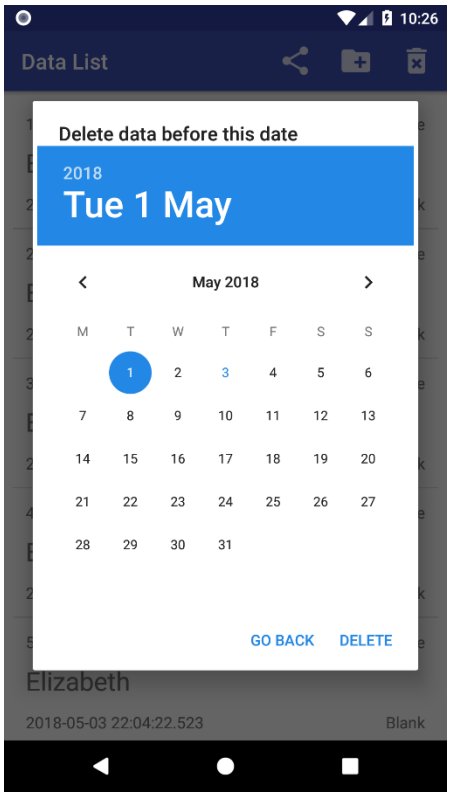
You can click here to delete data.



Three delete options.

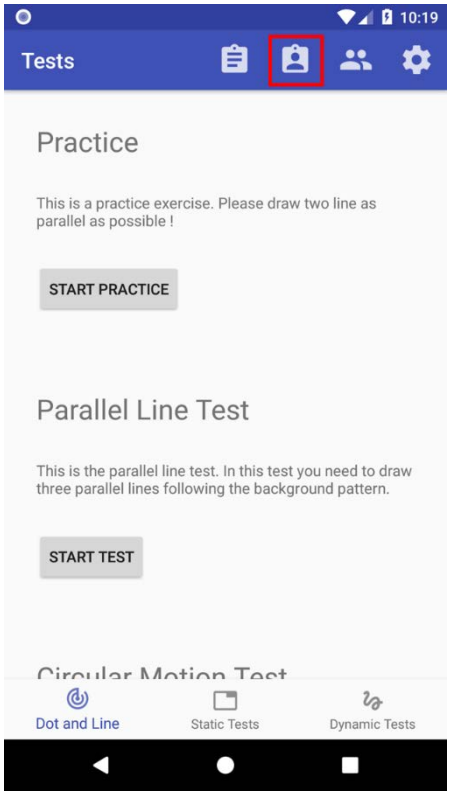
There are three deletion options.

You can choose to delete all the test data only, delete all the test data before a specific date, or delete all the user and test data, and this will restart the app.



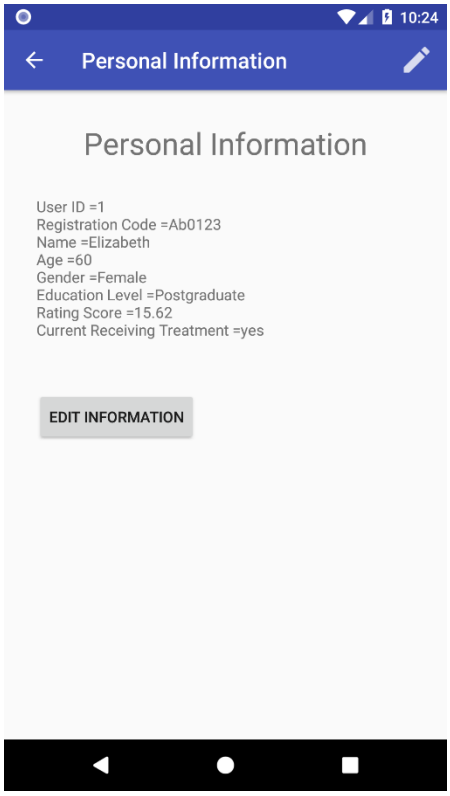
Delete test data before specific date

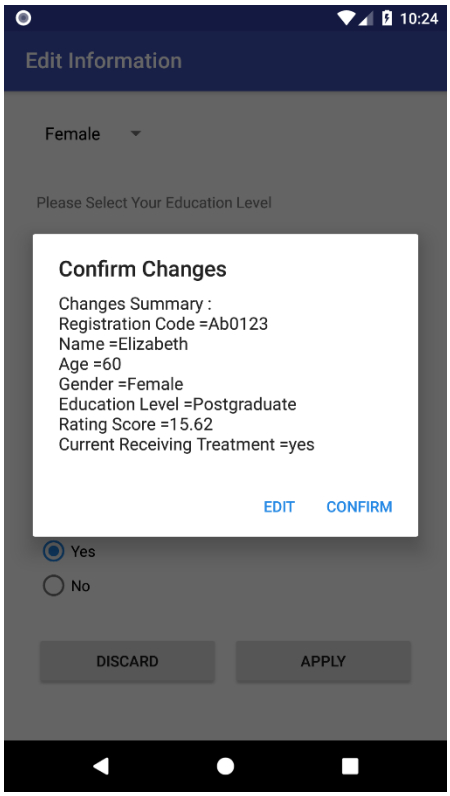
You can delete test data before a specific date.

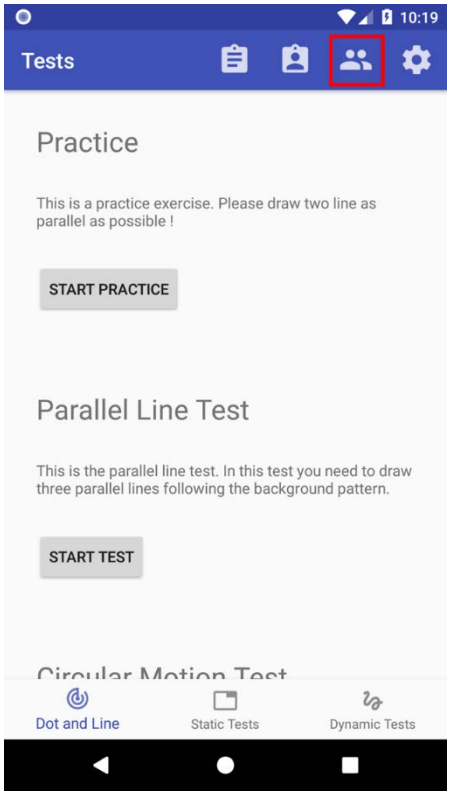


View and Edit Personal Information

You can click here to view or edit your personal information.

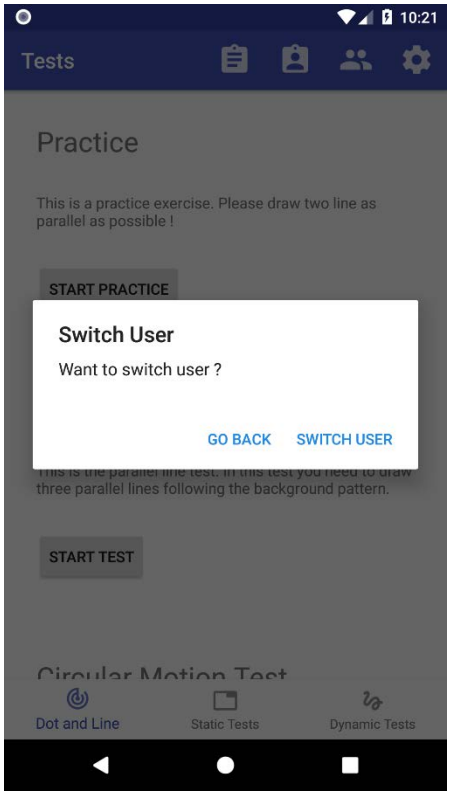

10:24
Personal Information
Personal Information
User ID =1
Registration Code =Ab0123
Name =Elizabeth
Age =60
Gender =Female
Education Level =Postgraduate
Rating Score =15.62
Current Receiving Treatment =yes
EDIT INFORMATION

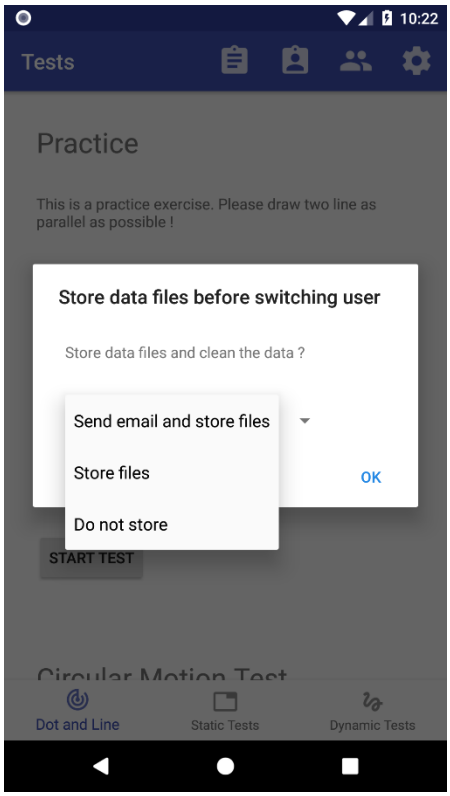

10:24
Edit Information
Female
Please Select Your Education Level
Confirm Changes
Changes Summary :
Registration Code =Ab0123
Name =Elizabeth
Age =60
Gender =Female
Education Level =Postgraduate
Rating Score =15.62
Current Receiving Treatment =yes
EDIT
CONFIRM
Yes
No
DISCARD
APPLY



Switch User

You can click here to switch user.





Store Files before switching user

You can choose to send data email, store data file before switching user. Or you can also choose not to store at this point.