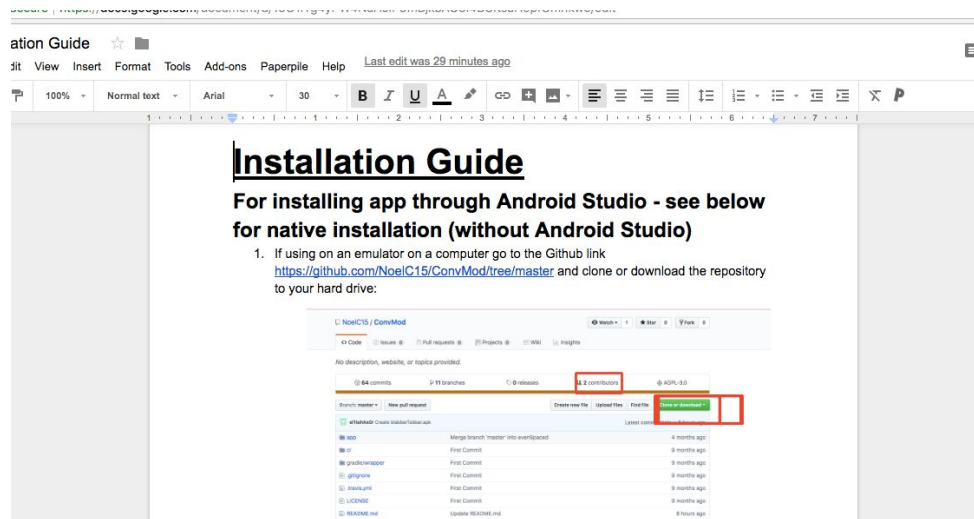


User Guide

App installation:

To install the app view the installation guide:

<https://docs.google.com/document/d/19O1IYg4yPW4NaHJIP9mBjkbAO6l4BUKsuHepfOmhkwo/edit>

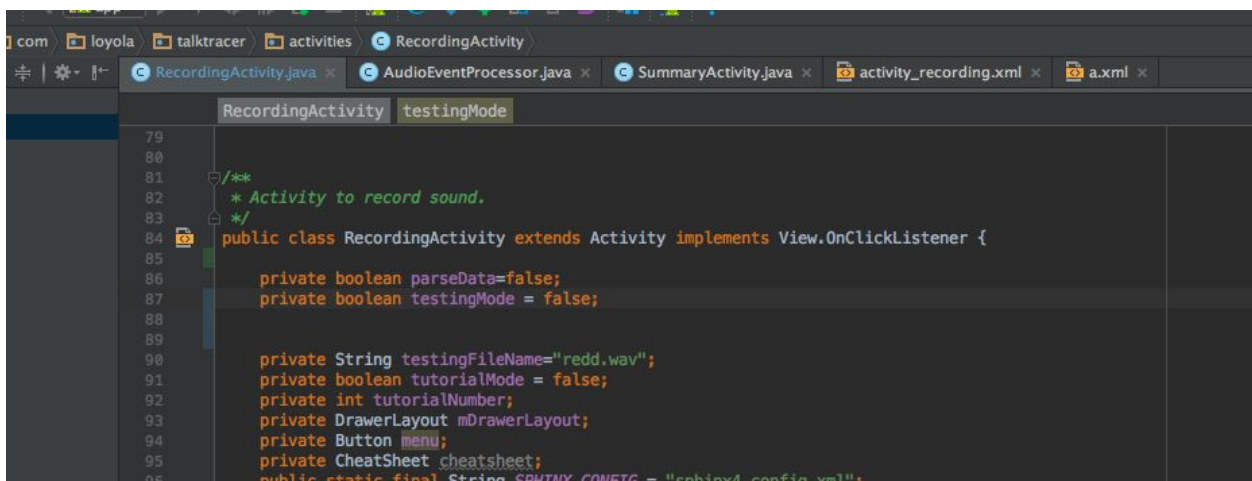



General Usage:

For usage for data testing and algorithm modification see the developers guide and the below section labeled **usage for data testing**.

Before running the app:

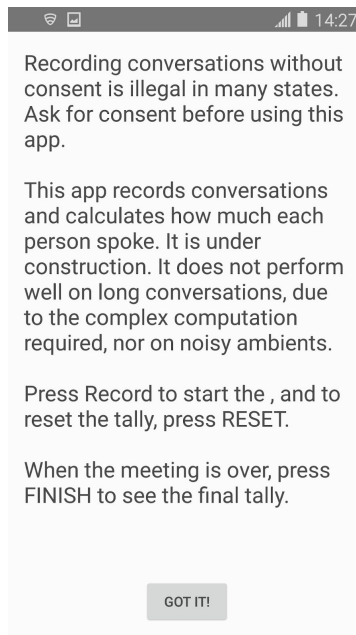
For those running the app through Android Studio, data testing mode must be set to false. If you have not touched the code upon download the app should not be on data testing mode by default. To switch modes go to the recording activity class and switch data testing mode from true to false.



Now run the app using the green arrow:  at the top of the toolbar

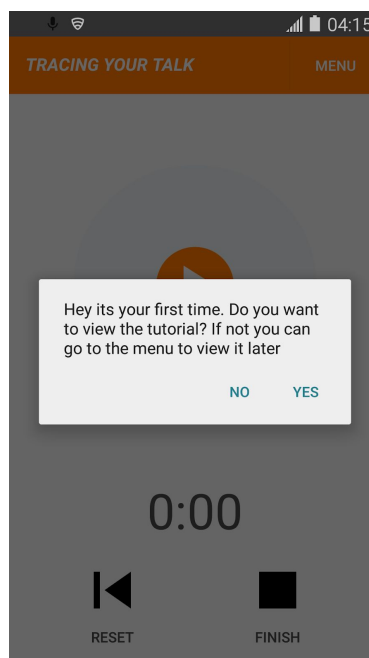
Initial Screen:

On first install, you will be prompted with a page which describes the purpose of the app, restrictions and legal/fair usage of the app

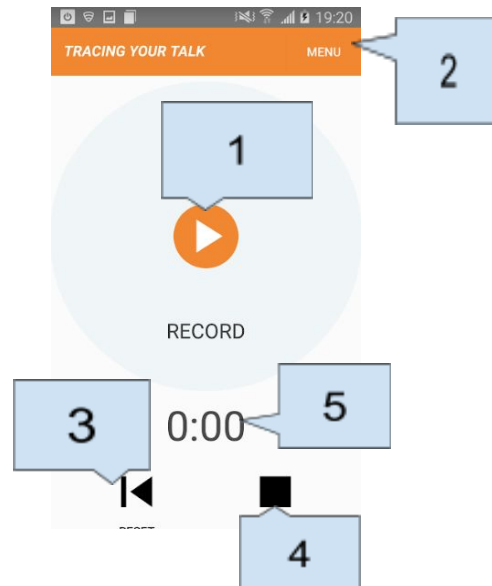


Tutorial Screen:

You will then be prompt to enter tutorial since it is your first time viewing the app. We suggest you go through the tutorial as it describes the same items in this documentation but allows you to interact with the app.



Recording Activity Screen (paused recording) :



1. Record button- Clicking this button starts recording your conversation. It then takes takes you to the **recording activity (recording)** screen
 - Recording activity recording screen : When done recording a conversation click on the pause button to stop the recording, note even after pausing you may record more before hitting the finish button to start analyzing the recording.
2. Menu button -opens up tab which allows one to access the tutorial or view the acknowledgements. Slide the menu left to close
3. Reset button- This app allows one to record for some period of time, pause the app and continue recording. As a result, the reset button clears current recording.
4. Finish button- After finishing recording, this button will take you to the summary activity page where you can replay your recording, view the breakdown of speaking time, and share your results! (See summary activity recording page.) You will see a updating progress screen before the screen loads
5. Timer - Displays the amount of time recorded for diarization. Upon clicking reset button goes to 0 and recording is cleared

Summary Activity Screen:



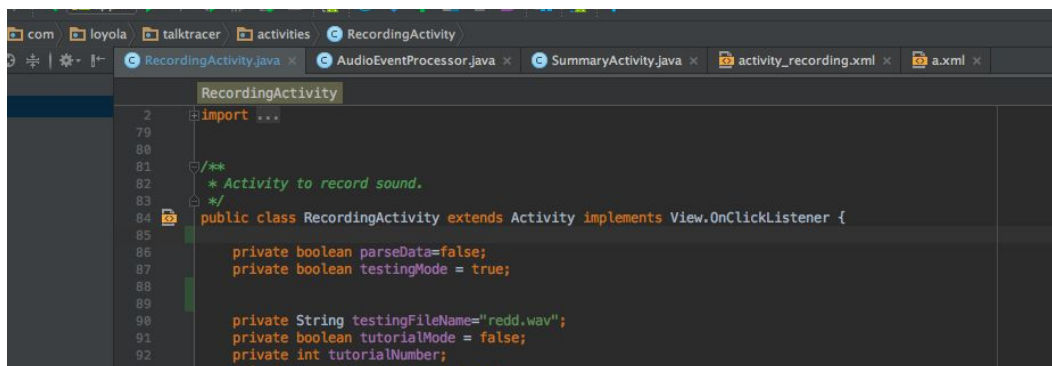
1. Percentage spoken graph
 - This graph shows the percentage of time one spoke in the conversation visualized in a pie chart. The speaker the spoke first should be s1, the second s2, ... etc.
2. Piano roll graph
 - This graph displays the times that each person talked in the conversation in seconds. Again the speaker number corresponds by the first speaker is s1, second s2, ..etc.
3. Audio file playback and visualization
 - This shows the audio file visualized. A user may see how the audio matches up with the sound wave by pressing the play button
4. Share button
 - opens up a menu to share your results on different mediums
5. New meeting button
 - Resets your audio file and sends you back to recording activity screen to run the app again.

Usage for testing Data:

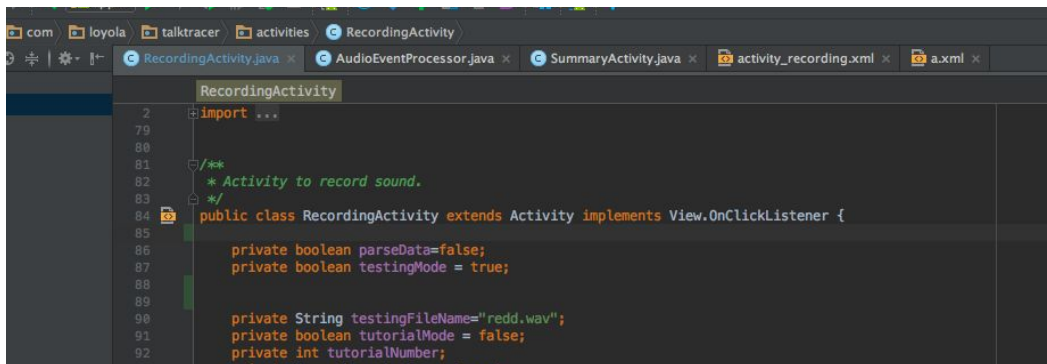
For specifics regarding method calls, classes, and design view the developers guide. This guide is only for running the app to test the data.

Before running the app:

Open the source code and in the recording activity class, set the parameters `parseData` to true and `testingMode` to true.



After this select the wav file you wish to use and enter the filename into the testingFileName



Now run the app using the green arrow: at the top of the toolbar

As we are using an prerecorded audio just click finish and the app will finish diarizing. Nothing will be displayed on the summary activity screen. Instead please use the adb debugger to view the diarization results which includes diarization error and the starting and ending times of each speaker.

