In our class demonstrations we went over how to set up and use both firebase authentication and firestore noSQL database. We also studied in great detail the TODO app demo, which demonstrated both of these google cloud services.

The first part of this assessment is for you to sign up for a firebase account from google, then add a new project, then allow firebase authentication for email, and finally set up a “users” collection in the firestore database for the project in your firebase account.

The second part of this assessment is for you to take the start kit which is the TODO app demo and set the app to connect to your account on firebase and not my account. Go to your account on firebase and add an android app to the firebase project, under your account. Grab the app name from android/app/build.gradle, create the app in firebase, and finally copy the google-services.json file to android/app. Delete the google-services.json file that points to my account before you copy the new one for your account. You can also set up for an ios device. Read the docs if you want to do this. I will test your app on an android VM.

The third part of this assessment is for you to run the app. If it throws an exception it is because you did not set up everything from the firebase end properly. From the signin page click the signup button to create a email account. Check with the firebase console to see that the new user has been added. Then test the creation of some new “Todo’s” in the todo list.

The forth part of this assessment is for you to replace the “Dissmissible” widget with a flutter\_slidable widget in the lib/widgets/todo\_card.dart file. You will have to download the package from pub.dev and research how to use the package. You only have to implement the “delete” button on the flutter\_slidable widget.

When your app is working do not forget to push your local repo up to the remote on github.