MyNote App - Elie Haddad

I built a location-based notes application that allows the user to keep track of their notes, using android studio and java.

Some of the features:

Each note is connected to the geographical location of where it was created, the user can sort his notes from old to new or new to old, they also can delete, edit and add notes at any time. They can as well change the background of each note by picking images from their galleries.

Signing in and signing up:

When signing up the user must choose an email in the format of text@example.com and the password must contain a capital letter, a small letter, a number, and at least 8 characters. Once the user is logged in he will remain logged in until he logs out.

Some of the Technologies that I used to implement the app:

I used the Firebase SDK for user's authentication and I used the FireStore cloud to store all of the notes, I used RecycleView to display the notes,

And I used the google maps SDK to display the map and all the markers that represent the location of the notes.

In some cases I used SharedPrefrence to communicate between Activities and Fragments.

List of bugs in the app:

-When adding more than 7 notes, the last note's bottom part is not completely visible.

-It's not possible to choose a location for a note manually.

-When the user changes the background of a note, the changes are not saved in the database.