Signature

Developed with Android Studio

[How it works]

1. Display a list of signatures with name and date
2. Create signature when user select [NEW] button
   1. Set brush size and color
   2. Undo and clear
3. Save signature with name and date
4. Show one of signature from the list
   1. Send Email with the selected signature image as attachment
   2. Delete the selected signature
5. Sort by name(first name, last name) and date
6. Filter by name with keyword

\*\*\* Screenshots are attached below.

[My Solutions]

Display a list of signatures – Use ListView which contains signature items. The list items are managed by Adapter that takes contents from local database.

Capture a signature image – Draw a line on a Canvas based on touch input and save bitmap as PNG file and update database when user select SAVE button

Send Email – Use ACTION\_SENDTO Intent with EXTRA\_STREAM to attach signature image

Sorting – Use SQL “ORDER BY x y” where x is column name and y is asc or desc, x and y set from user input

Filtering – Use SQL “WHERE x LIKE %y%” where x is column name and y is keyword, x and y set from user input

[Screenshots]



