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## Development of an Image Synthesis Application for Android Providing a New Type of User Interface

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Networking Service (SNS), 가 Social

가

### 1.

PC

(application)

[1].

Drag Pin-to-Zoom( )

Social Networking Service(SNS)

가 Facebook[2]

Wiki

가

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, 3

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, 5

### 2.

가

|

:

Pinch-to-Zoom (contrast) , (brightness)

가 Drag

가

Google Play[3]

3. ( 1)

( 2)

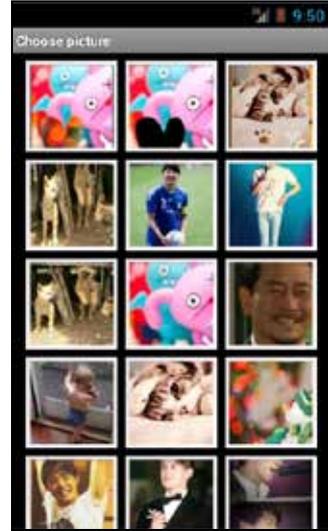
( 3)

가

( 4)

Drag Pinch-to-Zoom

( 5)



( 1)



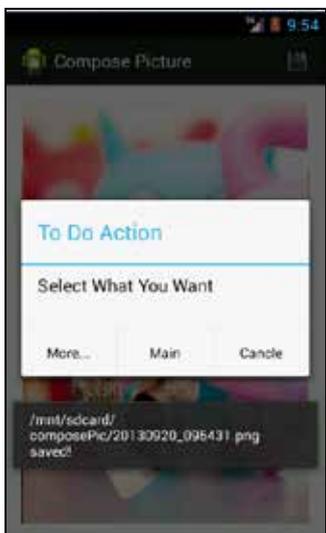
( 2)



( 3)



( 4)



( 5)

4.

```

| Canvas , Brush
| PorterDuffXfermode
| [4].
| , , : ImageView
| android:ScaleType MATRIX
| Matrix , , 가 가
| : Bitmap.CompressFormat
| Bitmap
| 가

```

5.

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,
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, Drag Pin-to-Zoom
,
,

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[1] Ed Burnette, "Hello, Android: Introducing Google's Mobile Development Platform," 2nd Ed. Pragmatic Bookshelf, 2009.  
 [2] <http://www.facebook.com>  
 [3] <https://play.google.com/store>  
 [4] <http://developer.android.com/reference/android/graphics/package-summary.html>