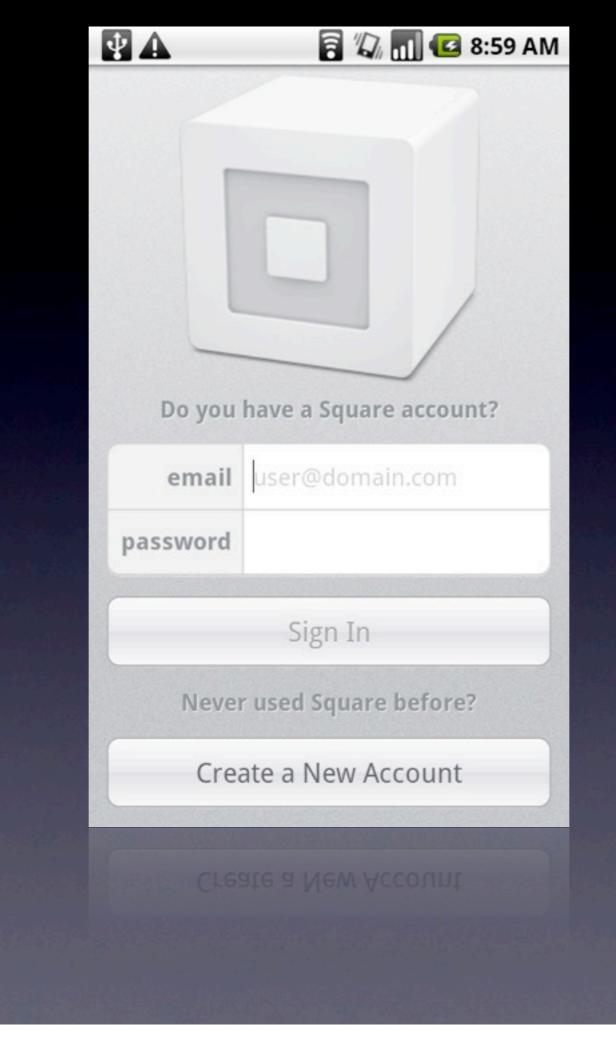
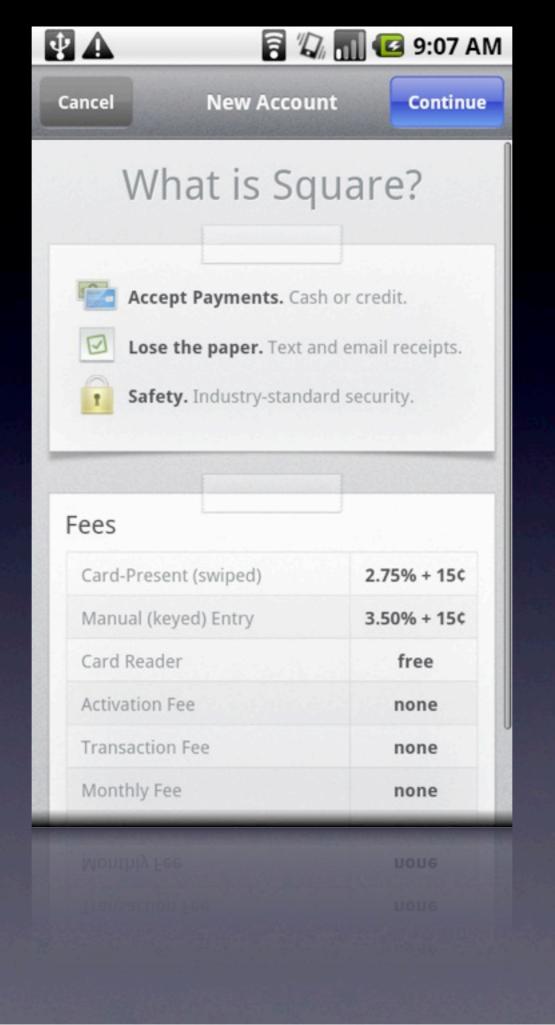


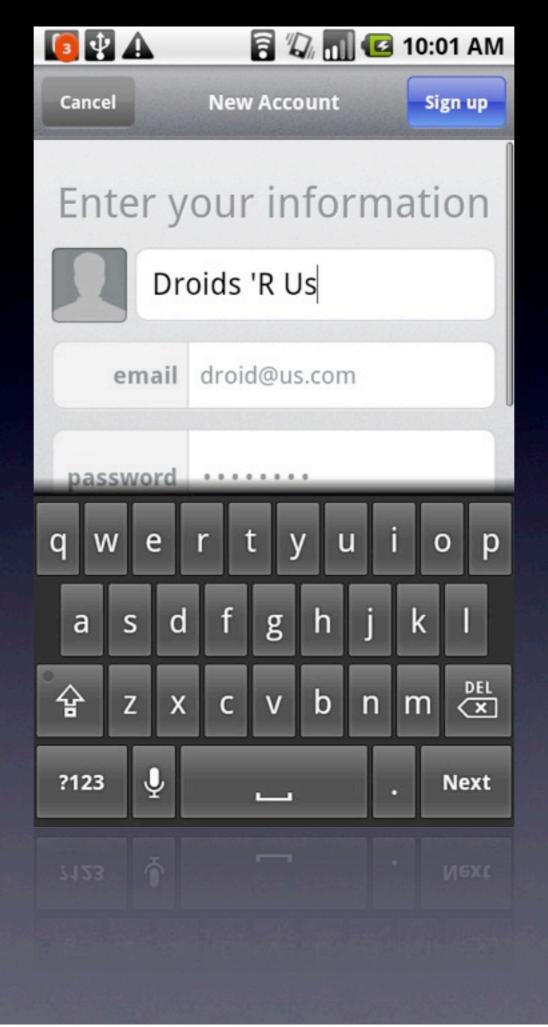


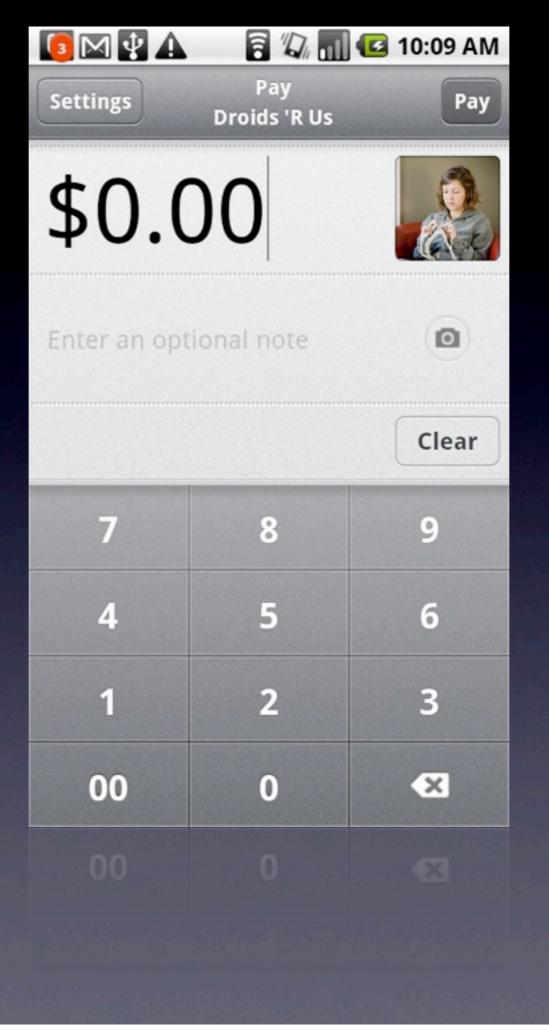
Friday, May 14, 2010

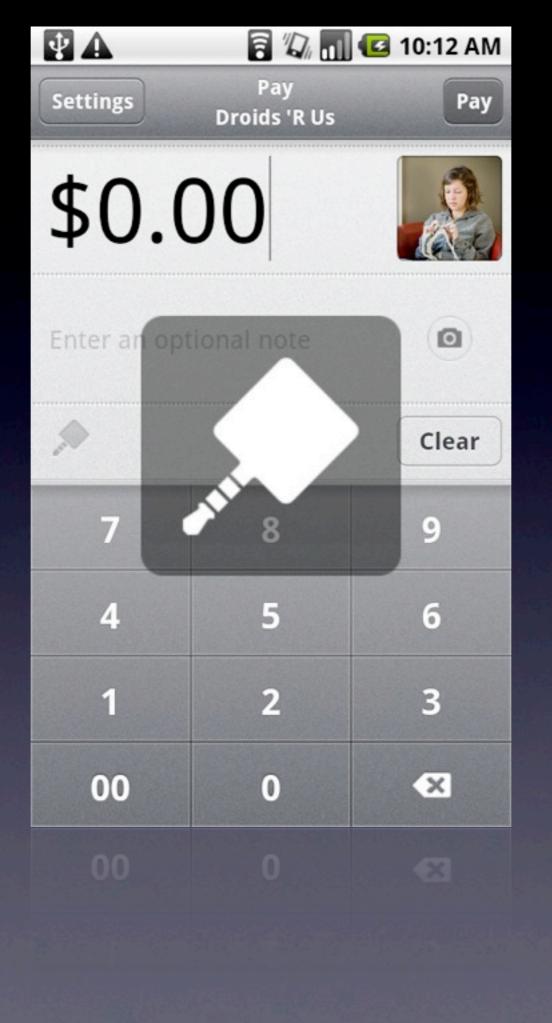






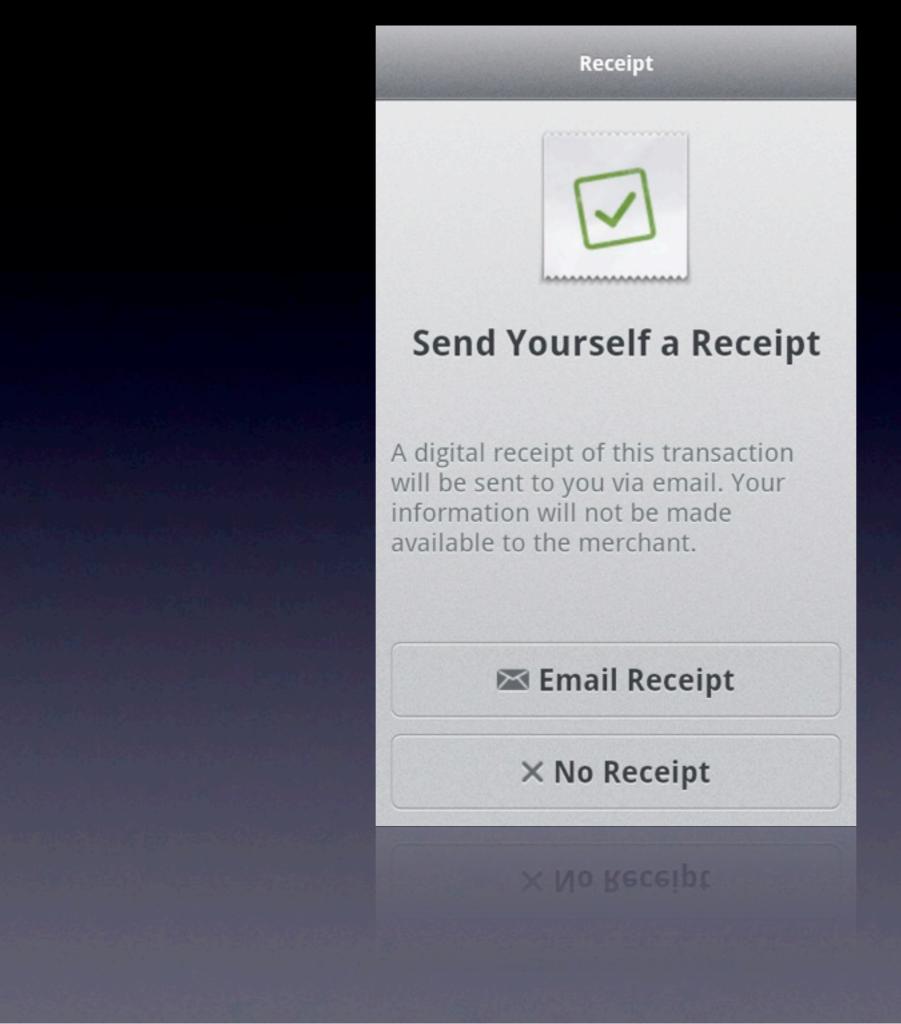


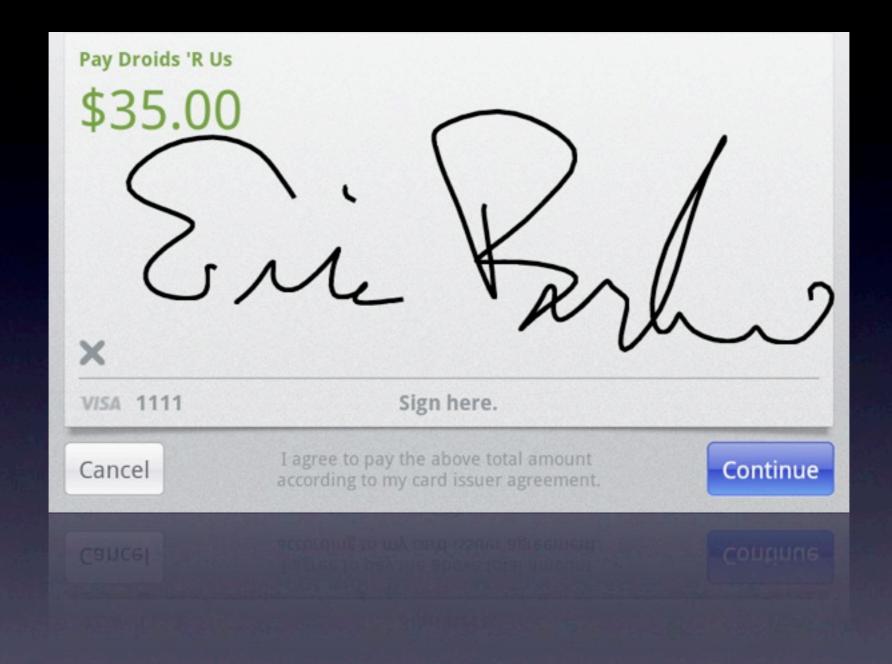














You paid \$35.00.

Thank you.

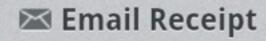
**New Payment** 



# Receipt

#### Send Yourself a Receipt

A digital receipt of this transaction will be sent to you via email. Your information will not be made available to the merchant.



× No Receipt

X No Receipt

#### Paper Textures

```
enum Noise {
  GRAY (0x64676E),
  PAPER (0xDEDFE1),
  BACKGROUND (0xBCBEC2),
  STANDARD BUTTON(0xccccc),
  TITLE BAR EMPHASIZED(0x505356);
  private final Bitmap bitmap;
  Noise(int startingColor) {
    bitmap = Factory.newBitmap(
        Factory.generatePalette(startingColor));
  Bitmap getBitmap() {
    return bitmap;
```

```
/** Creates a new bitmap filled with noise. */
private static Bitmap newBitmap(int[] palette) {
  int[] noise = new int[SIZE];
  byte[] paletteIndices = PALETTE_INDICES;

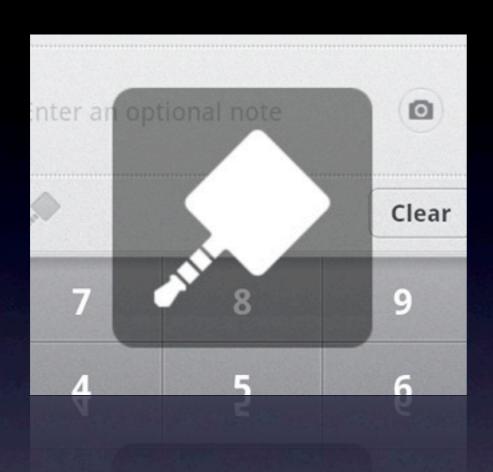
for (int i = 0; i < SIZE; i++) noise[i] =
    palette[paletteIndices[i]];

return Bitmap.createBitmap(noise, LENGTH,
    LENGTH, ARGB_8888);
}</pre>
```

```
class PaperTexture extends Drawable {
  private Paint bitmapPaint = new Paint();
  private ShapeDrawable.ShaderFactory highlight;
  PaperTexture(PaperColor paperColor,
      ShapeDrawable.ShaderFactory highlight) {
    bitmapPaint.setShader(new BitmapShader(
        paperColor.getNoise().getBitmap(),
        REPEAT, REPEAT));
    this.highlight = highlight;
```

## Building Blocks

- Bitmap
- Paint
- Drawable
- Shader



Hud

```
public class Hud {
  public static void showImageToast(
      Context context, int imageResourceId) {
    ImageView hud = new ImageView(context);
    hud.setBackgroundResource(R.drawable.hud);
    hud.setImageResource(imageResourceId);
    Toast toast = new Toast(context);
    toast.setView(hud);
    toast.setDuration(Toast.LENGTH SHORT);
    toast.setGravity(Gravity.CENTER, 0, 0);
    toast.show();
```

7	8	9
4	5	6
1	2	3
00	0	×
00	0	E3

#### Numeric Keyboard





IconFlipper

#### Using IconFlipper

```
IconFlipper flipper = (IconFlipper) findViewById(
    R.id.on_off_icon);

IconFlipper.Icon onIcon = flipper.newIcon(
    R.drawable.on);
IconFlipper.Icon offIcon = flipper.newIcon(
    R.drawable.off);

onIcon.show();
...
offIcon.show(Transition.FLIP);
```

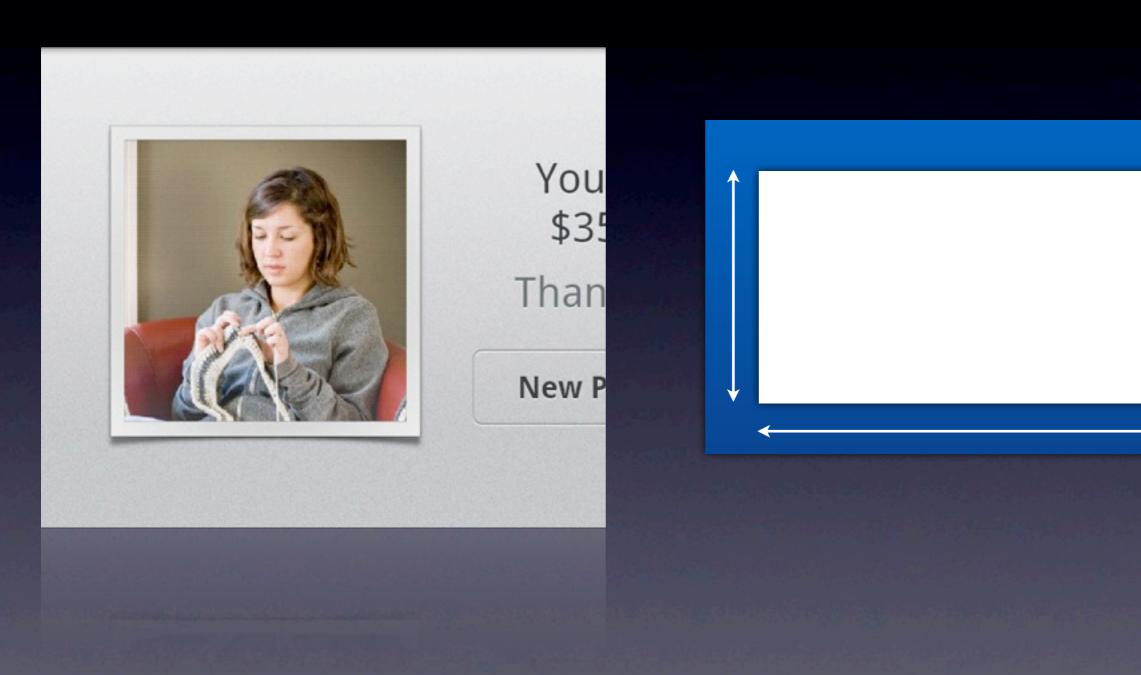


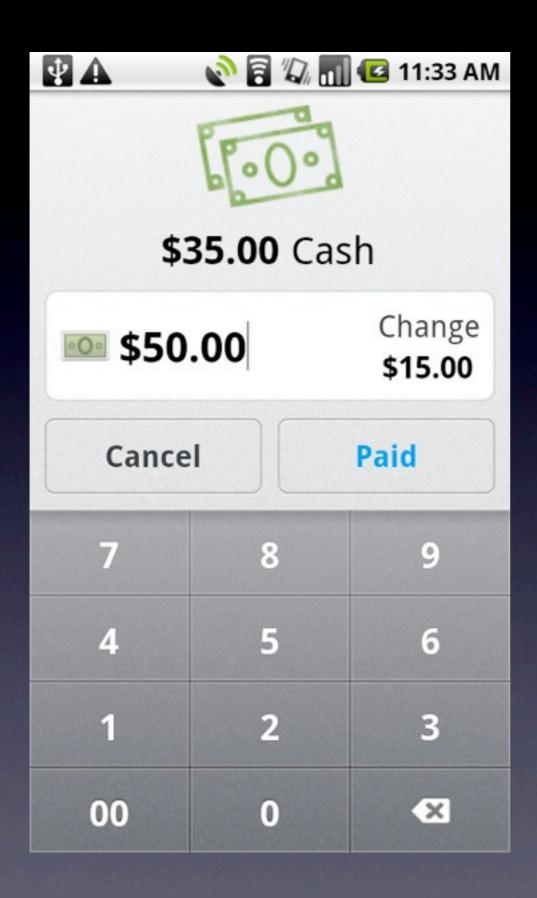
Rounded Corners

Picture Frame

```
Bitmap bitmap = Bitmaps.decode(fromFile(file))
    .scale(imageSize)
    .square()
    .roundCorners(radius, borderWidth, borderColor)
    .create(resources);
```

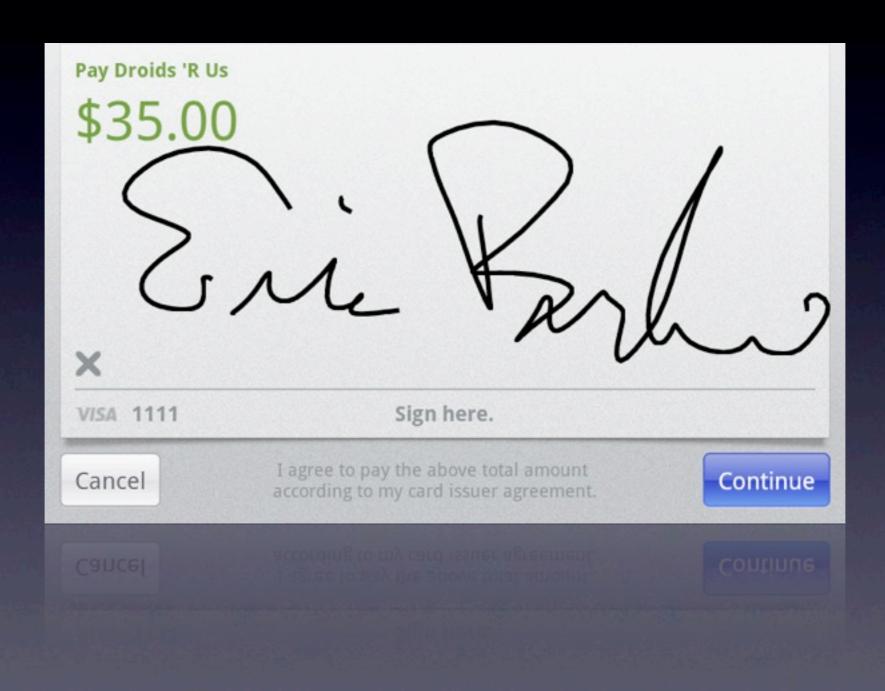
## PercentageLayout





#### PaymentBook

### SignatureView



## JSON

PaymentService

#### QueueFile

• YAFFS filesystem - Atomic segment writes