

Android Version of TGV:

We also created an Android Version of TGV. The Android version does not currently give feedback to the user for aiming the camera, but beeps when it finds the book.

Requirements

The Android version was developed and tested on a Galaxy Nexus phone with Android version 4.1.1 installed. Because it uses TalkBack to read the tab names and history menu items, it works best with Android versions later than 3.0.

User Interface

Similarities to iOS app

The user interface is very similar to the iOS app. The screen has three tabs called Results, Scan, and Settings. Clicking the Results tab shows a history of previous scans, which can be read aloud when touched. There is also a button to clear the results screen. The settings page is currently empty. The Scan tab allows you to scan a QR code, and after a successful scan switches to the Results screen.

Differences from iOS app

The scanning works differently from the iOS app in a few ways.

- 1) It does not provide feedback about partially obscured barcodes (either speech or tonal).
- 2) It will scan if there is more than one barcode on the screen.
- 3) It currently scans both barcodes and QR codes.
- 4) It beeps when it thinks it has a clear scan of the QR code.
- 5) It saves the scan history, even when the application is closed.