Android Application: **eCongress**

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Contact your US Representatives directly via email from your mobile application

Currently sending electronic messages to US Representatives can only be done by going to multiple websites and filling out contact forms.

Features:

* Representative names are checked and populated automatically based on your zip code
* Just select a check-box to send email to a specific representative
* Click on the "web icon" next to the representative's name to be taken to their web site
* Click on the "phone icon" next to the representative's name to launch your mobile phone dialer with their office number
* Send a webpage link directly from your web browser to eCongress using the browser's "Share" menu item
* Send test messages to yourself to verify your email is working
* Automatically checks for newer version in App Store and notifies user

Notes: Requires a Google gmail.com account. eCongress uses opencongress.org to forward email which requires a onetime registration.

Technical Features:

* Uses a DAO Object built with SQLite to maintain user persistent data
* Uses Sunlight API (a JSON web service) to provide information on all US Representatives
* Uses Android Account Manager to authenticate smtp email service.
* Uses modular packages for each application function (persistence, sunlight, smtp, oauth, version)
* Uses AsyncTask to allow services to run in background off the main thread
* Uses Local Persistence to lower network overhead

SDK:

* Application developed using Android SDK and Android Studio on Windows 7.

Google Play:

* Category: News & Magazines