

# D.I.CHI App by Samantha Cannillo

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## Executive Summary

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This app is for the DIY (Do-It-Yourself) musician based in Chicago, IL. DIY musicians, who operate on independent funding versus that provided by a record label, face many hurdles in their attempt to gain popularity in the music scene. One of the most common problems that local Chicago musicians face is the inability to keep up with the vast and ever-growing number of artists establishing their roots in Chicago.

As a musician, a key to performing success is having a strong network of like-minded musicians and performers. These connections facilitate booking shows with better draws and getting your music out to fans of similar styles of music. Performing with, and associating with, the right acts is crucial for artists to establish their name in the scene and to also breed creativity amongst the cities artists. The D.I.CHI App aims to provide a one-stop-shop to connect current musicians in Chicago.

The D.I.CHI app currently houses its user data in a Google Firebase. This firebase stores all user authentication data in addition to user profile information associated with each authenticated email and chat messages sent between users. User profile data includes a musician name, a brief sound description, a musician bio, a musician photo, a website URL that opens in a Safari window when clicked, and a featured song played in-app via Soundcloud.

A user can log into the app via a custom email and password, with the ability to reset/recover their password if they forget, or through their Facebook account. Users are able to chat in real-time by sending private messages to any other users of D.I.CHI. Messages are stored securely in Firebase and are only accessed by the recipient and sender of that message. Like most social networking apps, D.I.CHI keeps a user logged on a device, unless specified, to make accessing the apps functionality quick upon launch.

Users have the ability, upon signing in, to update any information associated with their musician profile at any time. These changes are always reflected in the server/Firebase database. In addition, anyone signed into the app sees a current snapshot of all musicians in Chicago signed up. They are presented with a table of musician

photo, name, and short sound description to facilitate connecting with a musician most appealing to them. Let the discoveries begin!