**Musical Horizons!**

***The User Manual***

*Musical Horizons* is a music education app that gives you basic background information about music theory, allows you to play around with and hear the three chords, and to test yourself on the information.

To configure the application, unzip MusicalHorizons.zip. Open the MusicalHorizons.xcodeproj file in the new “Musical Horizons” directory. Once the Xcode window that pops up has configurated, click the “Play” button (depicted by the isosceles or possibly equilateral triangle on the top left), and enjoy the app in the Simulator!

While the app loads, a music note icon is displayed on the screen. The app opens onto a homepage with a piano image, three buttons at the bottom of the screen, a menu button at the top left, and a pause button at the top right. Press the piano to hear Vince Guaraldi’s “Linus and Lucy” (1965, bibliography below) and push the pause button to pause the song once playing.  The heart of the app is the three buttons on the bottom of the homepage: *Major Chord, Minor Chord,* and *Dominant 7th Chord*. Clicking these buttons will play the sounds of the three types of chords! You can test out the app’s other features by selecting them from the menu on the left hand side:  *Guess the Chord*, *Learn More*, and *Change Key*.

1. *Learn More* leads you to a set of pages that provide background music theory information through texts as well as how to construct a major, minor, or dominant 7th chord. Click on each of these options to view the texts.
2. *Guess the Chord* is a feature that allows you to pick a chord, hear it, and then guess whether it is major, minor, or dominant 7th. A pop-up screen will notify of your success. You can then choose a different chord from the top right.
3. *Change Key* is a feature that leads you to a page that allows you to choose what key you’re going to play in; from that page, you are returned to the homepage.

Ultimately, we hope that users will find the app educational, enjoyable, and well worth a download!

Bibliography

1. Guaraldi, Vince. *Linus and Lucy*. Perf. Jerry Granelli, Vince Guaraldi, and Fred Marshall. Vince Guaraldi Trio. Sol S. Weiss, 1965. MP3.