

# Working Prototype Known Problems Report:

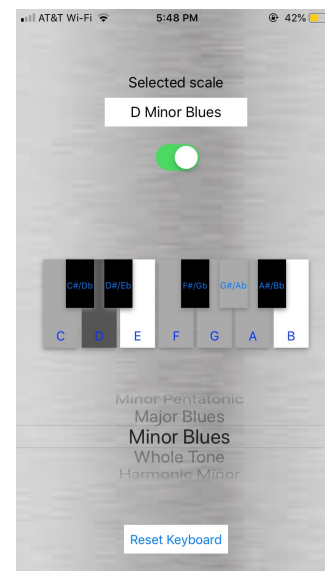
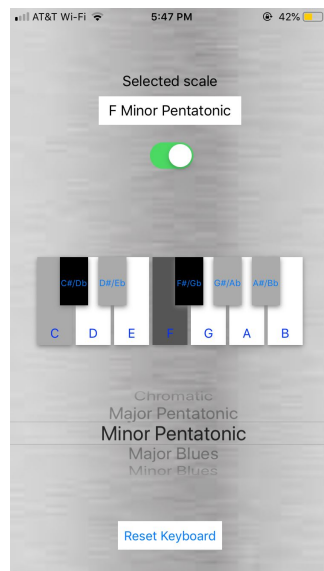
Easy Keyboard by iMKeys, July 23, 2019

## Usage Errors:

- We have not Identified any errors that will cause the software to fail outright during usage.

## Bugs:

- The only bug that we have found was that if the user has a scale already locked in place and they switch scales using the table view selector, they keyboard will switch the root of the new scale to the last key that was hit.



The root of the newly selected scale is the last key hit. (In this case D)

User switches scale from Minor Pentatonic to Minor Blues

- After reflecting upon this, we found that this bug is actually something that is useful for the user as a quicker way of switching to different roots, while the scale is locked. So, we decided to leave this bug in as a feature of our application.

## Build/Development Errors

- We have encountered a few errors with filepaths for the image files that we used for the background and app icon. Sometimes, when pulling code from our repository, there is a tendency for the background and or icon files to not load correctly, causing a build

failure. We suspect that these errors are the result of compatibility issues with differing versions of Xcode. A possible fix to this bug is designating a team standard Xcode version (although this was not feasible for our team, since two of our members were running Xcode through emulators).

## Suggested User Stories / Acceptance Criteria:

Story #1 :- As a user I want to see a keyboard (or some representation of the 12 tones), so that I can play music.

Story #2 :- As a user, I want the keys to make sound when I push them so that I can hear what I am playing.

Story #3 :- As a user, I want the keys to look different when I push them so that I know which key I am hitting.

Story #4 :- As a user, I want to be able to select a scale, so that I can see the notes of that scale highlighted.

Story #5 :- As a user, I want the notes in the key I have selected to be visually distinguished, so that I can find those notes easier on the keyboard.

Story #7 :- As a user, I want to be able to lock the scale that I am seeing on the screen, so that I can play multiple notes in that scale without losing the visual cues.