Test plan

Case #1 Testing Sound Mute & Sound

The purpose of this case is to test the sound and verify that it works and that the User settings mute will correctly mute the app so that the beeps cannot be heard when the user is the MorseToText feature or TextToMorse feature as some users may find the sounds annoy and not useful.

Precondition:   
App is running and in the User settings Screen navigated to by wiping right twice, and sound settings is turned on.

Steps:

* Swipe left twice and verify that you are on the MorseToText, also titled Morse screen.
* Click the . and then the – and verify that the sounds play for both and that they are two different sounds with . being shorter than the –
* Swipe Right twice and verity that you are on the Settings
* Toggle the Sound button and verify that it now says OFF instead of ON.
* Repeat the second step but verify that no sound plays for . or –
* Turn off app, restart process again with same parameters, But this time it should be off first and then turned on

Expected Result

The user will verify that the sound is toggled on, and then verify the sound works and that it can be muted and that the preference can be pulled from the phone and used on next use.

Case #2 Verifying the Morse to Text translation

The purpose of this test case is to test that the translation works from Morse to text. This will also test the ability to clear the message so the user can restart.

Precondition:

None, the app starts into the Morse to Text functionality for ease of use for user.

Steps:

* Enter in a Morse message, a link to key can be found [here](https://en.wikipedia.org/wiki/Morse_code). Make sure that in between character to put a space, not in between dots and dashes but in between letters that are to be translated, or a double space for a new word.
* Verify that the message is correct
* Optional incase link doesn’t work, enter in “ - . … -“ and then two spaces

“-.-. .- … .” and then click send.

Expected Results  
The expected result of the optional translation should be “test case”

Case #3 Testing the Text to Morse

The purpose of this test is similar to test case 2 but this will test the text to Morse functionality.

Precondition:  
[here](https://en.wikipedia.org/wiki/Morse_code) is a link where you can find a Morse key to verify the translation.

Steps:

* Navigate to Test to Morse by swiping right
* Enter in Test Case and then click send or enter in another message and click send and use the link provided to verify the translation.

Expected Result:

After clicking send the result should be “- . … - -.-. .- … .” if any other message is entered please use a Morse key to verify the message.