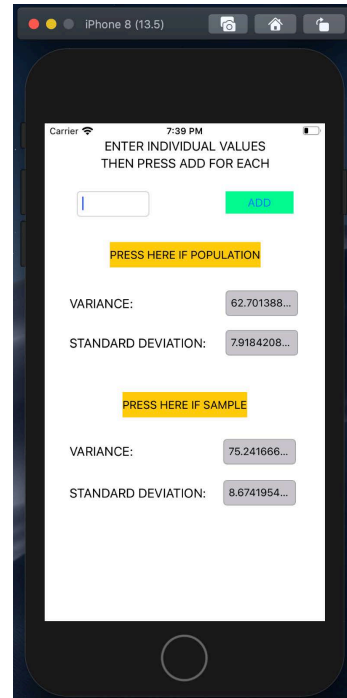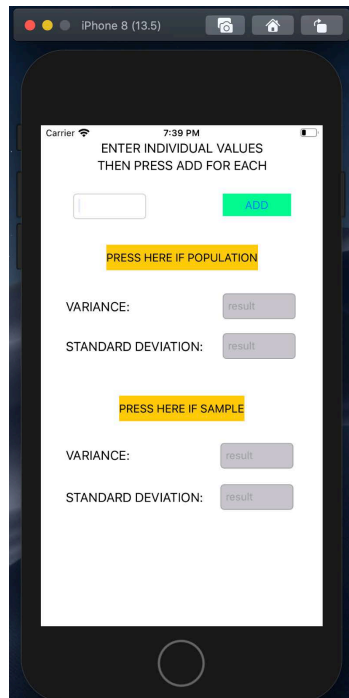## What is it?

This app is used for calculating standard deviation (a measure in statistics that shows the amount of variation in a set of values). It takes in *N* data values and calculate the variance as well as the standard deviation based on whether they consist of a population or sample.

How to use:

To use the app, the user should individually enter each value from their data set followed by the "ADD" button. This adds the value to an array and casts the String value to a Double. The user may then select to calculate for either a Sample or a Population (or both).

Notes:

The iPhone 8 (13.5) was used for testing.

In contrast with the original project description, additional buttons were added to allow users to make the calculation for Sample and Population from the same original inputted values.

The MIT Sigma library must be imported (source .swift file included in project pathway for this submission).