

Abacus Quest App Flow

User Process:

1. The user opens the app
2. A random number generator will be used to determine the type of operation and the numbers that are displayed
3. The user will be able to type the response in the text field
4. After the user enters their response, they can click the “Submit Answer” button
5. The user will then be notified whether or not the answer is correct
 - a. If the answer is correct, a new operation will be displayed
 - b. If the answer is incorrect, the user will be asked to try again. The user will have three attempts to answer correctly. By the third attempt, the correct answer will be displayed.
6. When the user returns to the app, the segmented control will be set on the level the user selected previously

***For code flow, please see code in Xcode.

***For proof of concept, I created a simple app based on a tutorial to learn how to create random number generators on Xcode

Questions regarding app:

-Best placement for button? Concern that the button is blocked by the keyboard