Title: Well Toned

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Description:

This app allows for the production and proof reading of 4-part harmonies in the style of Bach on an interactive iPad surface. The user will be able to input each line of a SATB chorale into our scrollable staff, and when they are finished, an algorithm will check for mistakes in the composition. These errors include parallel fifths and parallel octaves, among others.

Instructions and Controls:

Create a harmony by assembling each part onto the staff, which is done by first selecting the part (SATB), and then touching the staff where you want the note to be placed (A note can be deleted by a double tap). The notes, all quarter notes, will snap onto the staff. Once all parts have been compiled, pressing the "check" button will give the user feedback on the harmony's accuracy.

Tests:
1. Inaccurate harmony
    - Will notify user of errors
2. Incomplete harmony
    - Will notify user of incompletion
3. Placing/removal of notes from the staff
    - Notes are placed with one tap and removed by two
4. Removing all notes from staff
    - All notes disappear if the "clear" button is pressed
5. Identifying an accurate harmony
    - Will notify user of complete and accurate harmony