Bop-It Proposal: Guitar

The Bop-It: Guitar will have three main functions: strum it, tune it, and wham it. It will look like a guitar, and the user will hold it like a guitar. There will be an LCD display on the side of the body so the user can look down and see their score as they are playing. The guitar will be an old wooden guitar with all the electronics hidden inside the body.

For the “strum it” feature the user will strum the strings of the guitar and a decimeter will pick up if the strings made sound. For the “tune it” feature the user will turn any of the tuning knobs at the top of the neck and a motion sensor will detect if the knob moved. For the “wham it” feature the user will hit the whammy bar and a pressure sensor will detect if the bar has been pressed. A speaker inside of the guitar will be giving commands to the user and will let the user know when they fail.

As the game continues, the user will have to move quickly and mute the guitar after each “strum it” command. If the strings are still making sound when the next command is called, the user will lose the game. When the user reaches 99, the user wins and the speaker will play a little song.