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Design Document

Piano Project

This project is a representation of a piano which has only one octave and utilizes p5.modbuttons for clickable piano keys. Piano keys will be colored and arranged to simulate the black and white keys of a piano. When clicked, each key will display its corresponding note in text.

List of features in order

1. Has a recognizable visual representation of piano keys.
2. Keys are working buttons using p5.modbuttons.
3. Project accurately represents a “one octave” piano.
4. Keys correspond to correct notes for one octave.
5. When clicked, keys display corresponding note.
6. Keys are also mapped to keyboard keys.
7. Keys, when clicked, play sound.
8. Sound played is actual note displayed.

