Theramin

Play melody using Capasitive Sensor features. Use a digital circuit as an analogue device to produce sound. Buttons are also desirable.

Arduino Board
momentary buttons or switch (optional)
10K ohm resistors (optional)
LEDs (optional)
220Ω Resistors (optional)
MΩ Resistors
Metal foils or metal objects
buzzers or 8Ω Speakers
breadboard
hook-up wire

ARDUINO COOKBOOK
by Angelos Floros