This device will use a microcontroller to display a variety of faces on an LED dot matrix display.

It will be a vertically oriented rectangle similar to an identification badge. The main rectangle will be 3 in. wide and 4 in. tall with rounded corners.

It will have an attachment point to be connected to a lanyard.

It will be powered by a USB-rechargeable battery using a USB-C connector (if possible, dual-purpose the connector for reprogramming the microcontroller). It will have a piezoelectric buzzer for playing sounds. It can also connect to a heart rate monitor, if possible.