your knowledge

# A RPL

A game-themed running device that motivates you while you

run, adds excitement to your run, and meanwhile develops

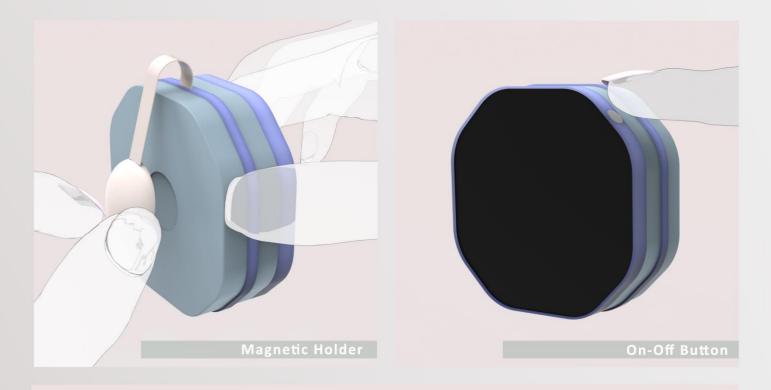
Spring'22 Final Project



ABS Body
Silicone Tips



Silicone Lines
PE Cover





**GPS:** 4X4X2.1 **Voice:** 3.2x1.7x1.5 **Motion:** 2x2x2.1

**Ultrasonic:** 3x3x2.1 (To measure distance and speed.)

Tilt: diameter-4

(To provide information about slopes.)

### CHIPS

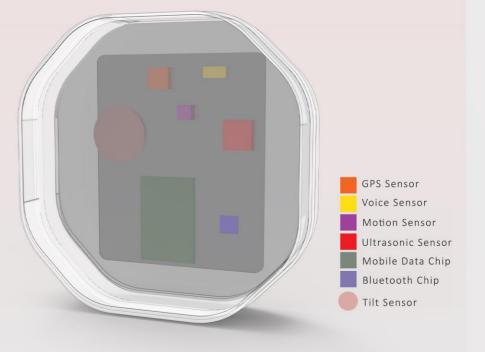
Bluetooth Chip: 2.43x2.56x0.35

Ultrasonic: 1.2x0.8x0.2

(Mobile Data Chip to connect to GPS)

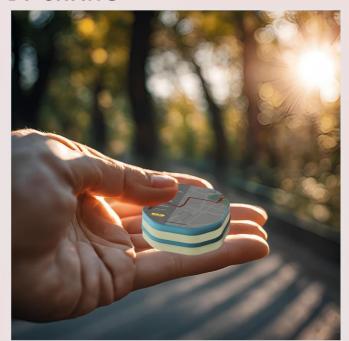
### Battery

Li-ion Battery: 27x18x9

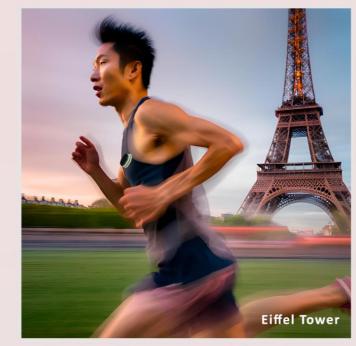




## **BY CHANG**



Paris - Champ de Mars Running Route



Thanks to RPL, you can get information on significant locations along your running route.



When the run is over, you may view your score and who ran with a similar level of difficulty.

# **BY AHMET**



Istanbul - Sultanahmet Meydanı Running Route





At the end of the run, you can add people who run with you in different locations as friends.

