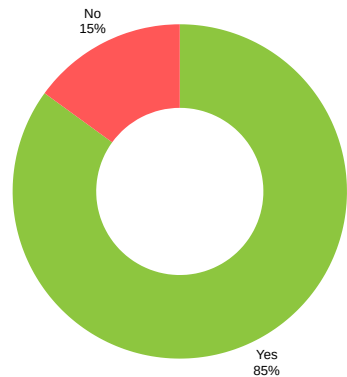# Panda

George ye
Design Workshop 2

A Tiny wearable product companion robot that serve as a portable professional database for field researchers, Revolutionize the process of reading information.

Secondary Insight: Scientists in the field rely on specialized tools like field guides and identification keys for accurate species identification, rather than standard web searches. These resources are essential due to the specific demands of their work.

No
15%

Yes
85%

Primary Insights: 85% of professional respondents expressed strong interest in a portable, AI-powered device for species identification.

Experts emphasized that the device must offer seamless updates, ensuring that the database reflects the latest scientific findings.
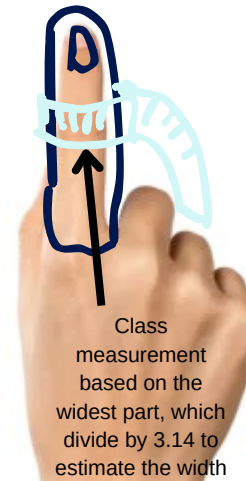
Current devices are too cumbersome for fieldwork, reducing the researching efficiency.

Average Index Finger Width:
- Males: Ranges between 18-20 mm
- Females: Slightly 16-17mm
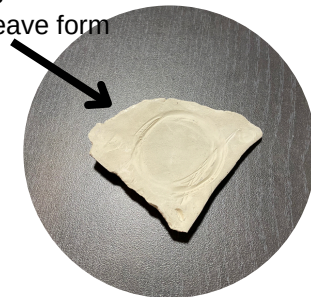
ijmedph.org
https://shorturl.at/MYyol
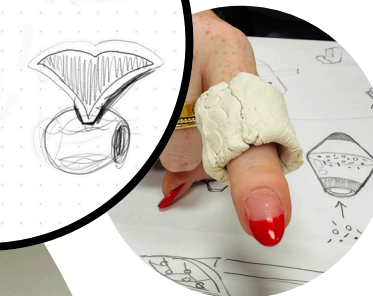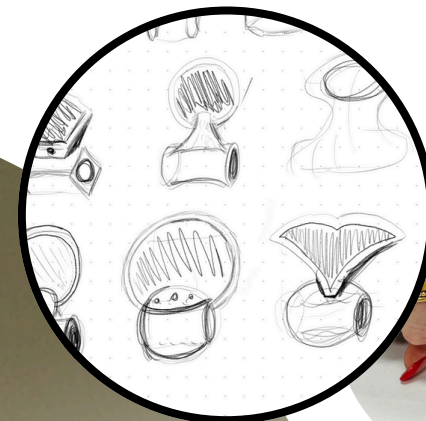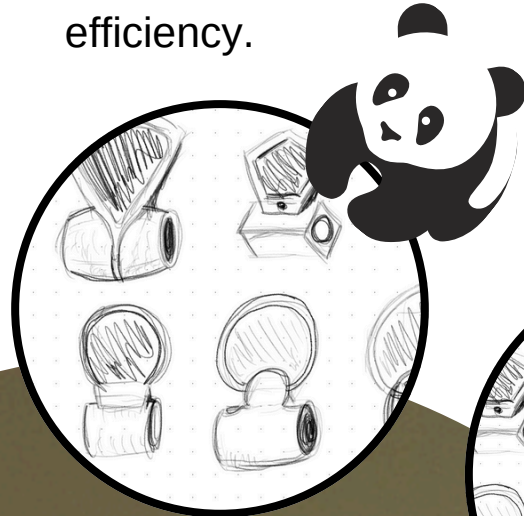
Anthroprometric
Index Finger Circumference

Class measurement based on the widest part, which divide by 3.14 to estimate the width

Class Data: (cm)

———-5.75
————-6.5
————5.88
————6.4
————-6
————5.8

Study Model

Model that exploring the natural leave form

Bigger size ring made for the margin finger size

6cm
8cm
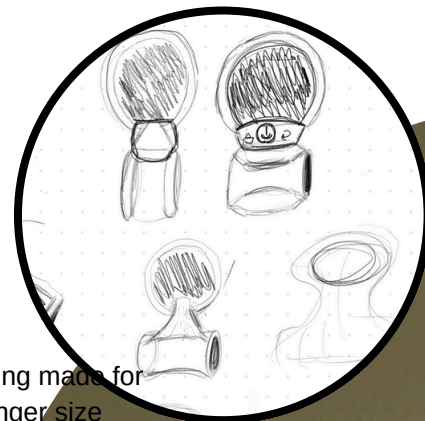
Models explores the best possible rough development of form, providing data and guidance on user testing.

Accurate Image & Species Recognition

Robust Professional Database Integration

User-Friendly Interface

Voice speaker for instant hearing

Think of tighten it to prevent falling

Bit smaller for tightening

It fits me perfectly

I want a solution that fits extreme size difference

User Testing