SEARCH: Smart Electronic Assistance Retrieval Companion for Home

Our Team

USB webcam

Camera mount

Rover chassis

A rover-based device with **computer vision technologies** for l**ocating misplaced items**. Coupled with a **mobile application** and **navigation capabilities.**

Problem Statement

- Over 40% of people will experience memory loss by age of 60
- Effects of memory loss: misplacing wallets, keys, and glasses.

Instructions

(*Future Final Product*)

1. Turn on the rover device and place it in the ground charging station.
2. Ask the rover to find an item from the mobile application.
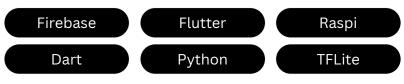3. Relax! If the rover finds the item, it will appear on your phone!

Safety Warning

⚠ We assume no liability for any damages or injuries from using our product.

⚠ This product has not been commercially tested; improper use may result in injury.

Contact Us

- Feel free to reach out to us at +1 508 355-9641 to reach Joe & Sons Inc. Documentation can be found in the GitHub below.

Technologies & Skills

Firebase	Flutter	Raspi
Dart	Python	TFLite

github.com/Joe-and-Sons-Inc