



## "Seeing Beyond Sight: A Visionary Companion"

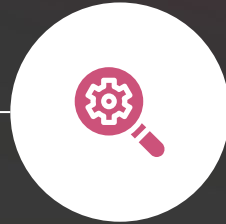
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# Motivation



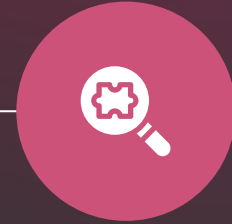
## Eyes for the Visually Impaired

*Recogneyes* addresses the challenges faced by visually impaired individuals when trying to recognize faces



## Face Recognition

*Recogneyes* aims to support individuals facing challenges in social interactions or name recall



## Connection

*Recogneyes* enhances memory recall and helps maintain meaningful connections

# What is RecognEyes?

- Cutting Edge Glasses with Facial Recognition Technology
- Purpose:
  - ◆ Empowers visually impaired individuals to navigate social situations confidently
  - ◆ Aids in name memory retention and name recall
  - ◆ Enhances independence and enriches daily interactions for its users.

# Technology

## Software

Employs computer vision algorithms to conduct real-time facial recognition.

Generates auditory feedback with speech-to-text and text-to-speech technology.

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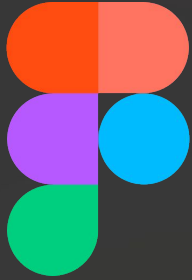


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## Hardware

The glasses is powered by Raspberry PI 4 micro controller connected with a PI camera.

# Figma Prototype



FIGMA!

## Purpose

This is a app prototype that serves as a companion to the *Recogneyes* glasses. Configure your profile, add friends and family to your network.

