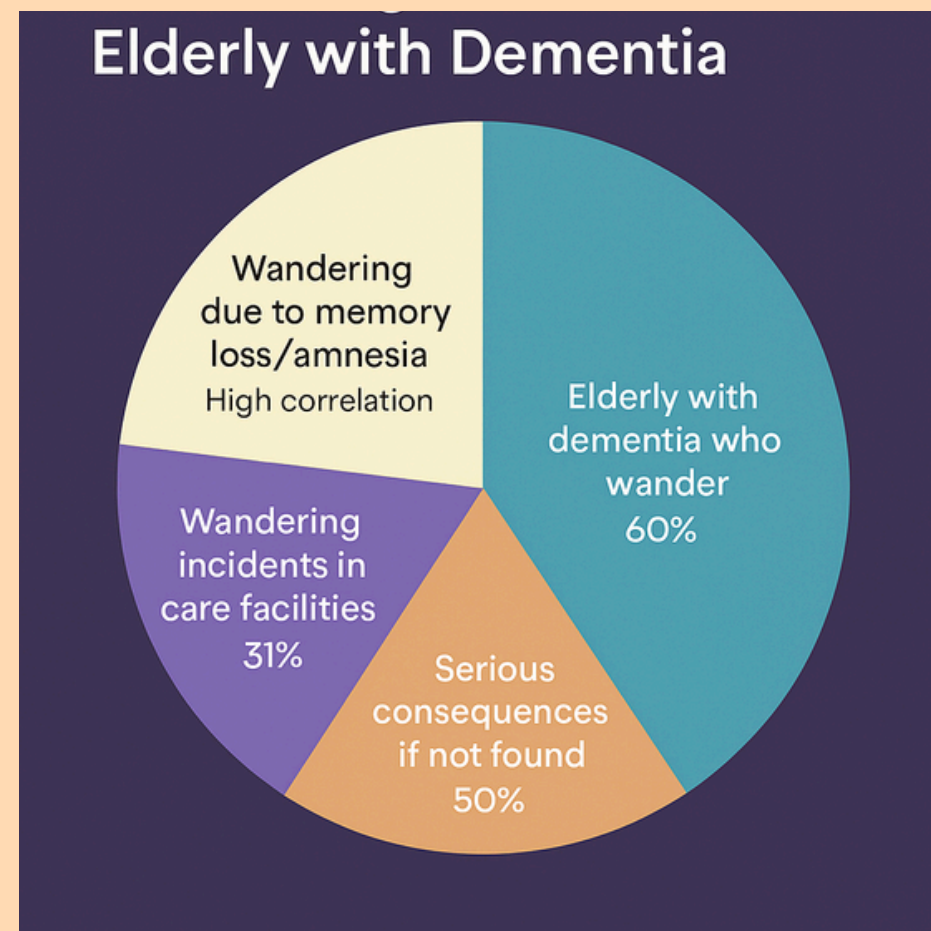**GuardianID**

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Statistics on Wandering

- 60% of people with dementia are estimated to wander at some point during the progression of the disease

- Wandering is often triggered by disorientation, confusion, or attempts to fulfill past routines

- If not found in 24 hours, up to 50% of those wanders may suffer with serious consequences

Elderly with Dementia
- Wandering due to memory loss/amnesia — High correlation
- Elderly with dementia who wander — 60%
- Wandering incidents in care facilities — 31%
- Serious consequences if not found — 50%

Purpose

GuardianID is a technology-driven solution designed to help identify elderly individuals quickly and compassionately, especially in situations where they may be lost, confused, or unable to communicate. It combines facial recognition and QR code technology to create personalized ID cards that link to emergency contact and medical information.

How It Works

Facial Recognition

A photo of the individual is processed using facial recognition software to create a unique digital identity

QR Code Generation

A QR code is created that links to the person's name, emergency contact, and other relevant details

ID Card Creation

The photo, name, contact info, and QR code are compiled into a printable ID card that can be worn or carried

Flask API Integration

A web-based interface allows caregivers or responders to upload a photo and retrieve the person's identity and contact info instantly

Benefits

- Safety: Helps prevent wandering and ensures quick reunification with caregivers

- Dignity: Offers a respectful way to identify individuals without invasive tracking

- Accessibility: Easy to use for families, healthcare workers, and community responders

- Scalability: Can be expanded to include mobile apps, secure databases, and partnerships with senior centers

Issues to Fix in the Future

- Create a Profile Link that leads to the GuardianID website

- Using API for the facial recognition through mobile and web cameras

- Updating the appearance of the identification card

THANK YOU!

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