





JAZE

The Empathetic Companion for the **Lonely Elderly**



Psychological Relief

Reducing shame & fear of judgment



Natural Dialogue

Smooth, comforting conversation



Emotional Support

Being heard & understood

The Silent Epidemic

Loneliness under Elderly



Health Risk

COMPARABLE TO SMOKING

Loneliness accelerates cognitive and physical decline (Veronese et al., 2021).



Fear of Judgment

EMOTIONAL BARRIER

Seniors hide feelings to avoid burdening family or facing shame (Lucas et al., 2014).

Self-Reported Loneliness by Age (%)



Loneliness spikes drastically to **58%** for those over 80 years old.



Tech Gap

USER FRUSTRATION

Current AI (Siri, etc.) is task-oriented and misunderstands emotional nuance.



Privacy Trust

THE CLOUD ISSUE

Deep distrust of 'always listening' devices sending data to the cloud.



Not Human. Just Humane.

A transparent buddy. Zero deception.
Zero judgment.



Non-judgemental listening



Proactive Engagement



Intuitive Status Signaling



Trustworthy Avatar Interface



Holistic Design

Hardware meets Empathy.



100% Edge
PRIVACY



ROS Core
SYSTEM



ElevenLabs
VOICE



Open Source
PLATFORM

The Future is Open

JAZE is designed to be an open platform for empathetic robotics.



Expansion

Expanding language support and cultural adaptations for global reach.



API-Access

Allowing developers to create specialized "Care Modules" (e.g., medication reminders, exercise coaching).



Open Source

We invite the community to contribute to the core interaction engine.

Thank you!

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Join the JAZE Project