

YourLife

Empathic Assistant for
the Homeless of San
Francisco



Problem Statement



People who are at risk for or experiencing homelessness each have a unique journey, and each individual is forced to navigate a complex maze of shelters, services, and programs that vary not only in size, scope, and approach but also in effectiveness. As this article details, homelessness in the Bay Area comprises three distinct problems but is largely perceived and treated as one via a complex and fragmented response ecosystem. A breakthrough may come in part from

recognizing the distinct problems faced by those who are unstably housed and by considering bold approaches to reenvision our response ecosystem around people, not siloed individual programs.

[The ongoing crisis of homelessness in the Bay Area: What's working, what's not | McKinsey](#)

San Francisco's unsheltered homeless population is unusually high

On the night of February 23, 2022, the city counted 7,800 homeless people in San Francisco. 4,400 of those people were unsheltered, which is about 0.54% of the population.

YourLife – A companion for a
Lifetime

Learns who you are, what you need,
gets you back on track.



The Value



Hyperpersonal for each individual in need

Will learn who you are – and remembers you on the next visit!



Understands the big picture

Sentiment, Topic Analysis, Opinion Mining in Databricks utilizing LLMS and Azure Cognitive services



Lightning speed ramp-up and ease of use

Can be taken into use by volunteer organizations in their existing events and spaces

All that is needed is a phone

Automated transcriptions and summarizations of discussions. Informal and formal.

Overall scheme for San Francisco (Sketch without agreements)

- Utilize existing official/volunteer organizations
- Take into use in the events already being held
- Fully automate in the future into the city infrastructure



How the first version will work

- Discussion starts with the person
 - 1) Facilitator starts the session** (take a photo to enable personal service and profile buildup) (Computer Vision)
 - 2) Real-time call Intelligence**
 - Transcription, insights and guidance provided live to the Facilitator -
 - Transcription: (Whisper AI , Azure Speech to text, Azure Language)
 - Live insights: Utilize Memory + Smart Search Architecture for Backend
 - 3) Post-call Analytics**
 - Discussion Summary
 - Customer Insights (Topic & Trend, Sentiment Analytics ran in Databricks)



LLM/GPT/DOLLY YourLife Smart Search Architecture

Insights, Analytics in
Databricks



databricks

