Caregiver Operating System

Release One

"Siri" for Caregivers
- Text me
- Leave a voicemail
- Record a dictation

- Get a daily email based on latest input
- *supports multiple languages*
- *analyze inputs for trends and best practices*

Option to record patient sounds and utterances

Release Two

Caregiving Natural Language Processing [NLP]
- Ask questions
- Wearable integration
- Smart speaker integration

Release Three

NLP asks caregiver questions [interview]

Please describe you loved ones current condition...
- Follow up question 1
- Follow up question 2, etc...
- Recommendation

Recruit human sponsors
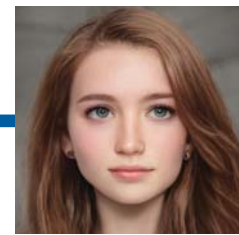*Communicate through system*
No personal identifiers
Can do after caregiving over

Future Releases

Caregiving for pregnancy
Caregiving for newborns
License engine for other uses

Caregiver's Journey

Becomes anxious and depressed
Care challenges all givens
Getting a spouse/partner onboard
Untrained for the new role
Negatively impacts relationships
Can we really afford this
Compassion fatigue
When a child becomes the parent
Handling grief and guilt
Taking emotional outbursts personally
Calling 9-1-1 again
Dealing with sibling rivalry
Letting go of expectations

Caregiver

53 million Americans are providing unpaid care

61% of caregivers are female
54% of caregivers are over age 50
61% of caregivers are employed
36% have income < $50,000

The Silver Tsunami

By 2050, ~20% of U.S. will be over 65
80% of people over 60 plan to age in place
Senior homelessness will triple in 10 years
Hospital admissions will double by 2030
80% elderly will be in low/middle income
30% of Japan is already over 60 years old
426MM worldwide over 80 years old by 2050
80% elderly have one chronic disease, 77% 2+
25% elderly have a fall each year

10% of all U.S. healthcare spending for end of life care
$365 billion in 2018

Zero of it goes to family caregivers

families use internet for advice
argue among family members

Hospital training and best practices

send patients home to die
no more onsite palliative care
hospice goes remote and in home

Corporate employee benefits
reduce employee stress
absence versus quitting
shows company cares

Insights for drug companies

Elder Care
age is not a disease
death with dignity

system is focused on patient

- Relationship
- Time
- Loneliness
- Skills
- Mobility — *taking the keys away*
- Family
- Rewards
- Mind — *dementia Alzheimer's*
- Body
- Roles
- Independence
- Stress

Physical Care

Nutrition & fluid balance
Medication management
Positioning & moving
Personal hygiene
Vital sign monitoring
Rehabilitation

Sudden Care

Heart disease
Cancer
Accidents
Stroke
Respiratory disease

Procedures

On and off toilet
Bath and bed
Shower and hair
Mouth care
Taking vitals
Feeding

Control bleeding
Treat burns
Respond to fainting
Respond to nosebleed
Respond to vomiting
Seizure management

End of Life Care

Legal rights for dying
Palliative & hospice care
What to tell family
Active death stage

Advanced directives
Power of Attorney
Assisted suicide
Estate administration
Financial accounts

Investor Exit

All profit reinvested
constantly improve engine

Exit is an asset sale
$$B entity buys machine
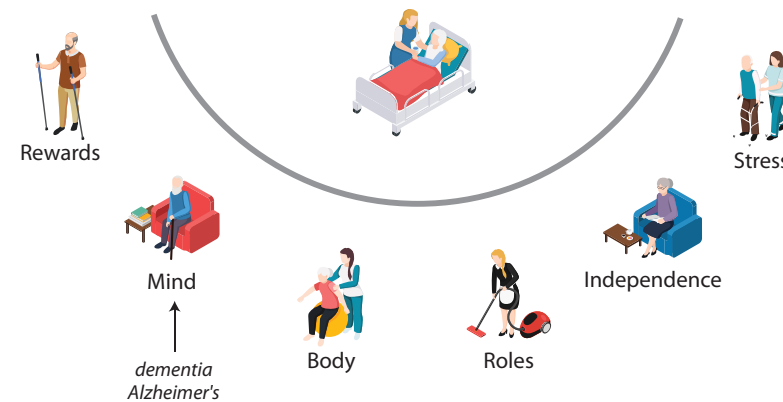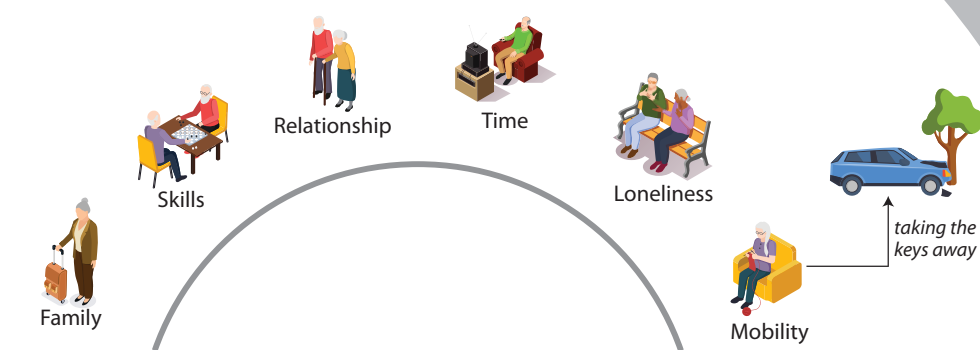*not the user base*

- large hospital system
- large insurance company
- large drug company
- large financial company
- leading robotics company
- government agency
- tech company with NLP

Exit at release 1
~2 years, 2-4X+ ROI

Exit at release 2
~4 years, 5.6X+ ROI

Exit at release 3
~6 years, 10X+ ROI

or IPO and then sell

Retirement systems and financial planners
encourage healthy aging

Metamucil MultiHealth Fiber
ad placements

b2c
- Youtube Channel
- Free-to-Paid Subscription

Better caregiving centers
companion robots
train humanoids
train humans
family support

Insurance company benefit
start covering caregiver
anything to make death easier
save money in the long run

Retail/Brand Advertising
ad supported system
nlp matches ad to need
ad appears in daily email

Nonprofit & NGO offering
support communities with poor healthcare

UN becomes client and sends to third world