



HealthU

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Team 6 - Health and Well-being



Transparency In Healthcare


Take ownership of your healthcare journey.



Introducing HealthU

- Provided by patient's healthcare organization
- Help users take ownership of their healthcare

Welcome to HealthU




Sign In

Please login to continue

Username

Password

[Forgot Password?](#)

SIGN IN

Don't have an account? [Sign Up](#)

Background



- 60% of people want to use technology and digital communications to **own and manage their healthcare journey**.*
- **21st Century Cures Act** - electronic records must be made available to patients
- **OpenNotes** - international movement promoting transparent communication in healthcare.

User Persona #1 - Gary Nash



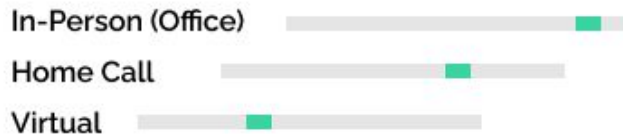
Gary Nash

Age: 70 years old
Location: Union, NJ
Marital Status: Widow
Occupation: Retired
Height: 5' 9'
Weight: 160 lbs

Overview



Gary Nash was brought in to visit his primary doctor by his daughter Jasmine (Proxy) due to his constant forgetfulness, disorientation, and irritability. After a few tests, Gary was diagnosed with early on-set Alzheimer's in June 2014.

Preferred Doctor's Visits



Profile

Due to Gary's condition, you can see that he has a proxy, more medical information can be accessed on this tab.



Gary Nash

Active

Personal Overview

Date Of Birth:	March 25, 1951
Age:	60 years old
Sex:	Male
Height:	5' 9"
Weight:	160 lbs

Contact Information


Address:	4 Main St Union, NJ 07083
Email:	gary70@gmail.com
Phone Number:	(908) 456-2345
Proxy:	Jasmine Nash - Daughter
Proxy Email:	Jazzy.Nash@gmail.com
Proxy Phone Number:	(973) 234-1234

Allergies


Asprin, Naproxen, Amoxicillin

Medical Conditions


Alzheimers




Profile




Appointments



Assistant



Treatments



Chat

Basic information about Gary is displayed here and is automatically updated after visits

Appointments

Gary can also see exam results for blood work, scans, etc. along with prescriptions given

The screenshot shows a mobile application interface for managing appointments. At the top, there is a hamburger menu icon on the left and a search icon on the right. Below these is a navigation bar with left and right arrows flanking the text "JULY 2021". Underneath is a calendar grid for the month of July 2021. The date July 2nd is highlighted in a light blue bar. Below the calendar, there are two sections: "Upcoming Appointments" and "Past Appointments". The "Upcoming Appointments" section lists an appointment with Dr. Tim Burke, a dentist, on Tuesday, July 20, 2021, at 3:00pm. The "Past Appointments" section shows an appointment with Dr. Joe Scanlon, a neurologist, at Trinitas Hospital on Friday, July 2, 2021. Below this, there is a "Doctor's Assessment" section with two bullet points: "Memory loss, disorientation" and "CT scans show signs of past stroke and enlarged blood vessels". At the bottom of the "Past Appointments" section, there are two buttons: "Exam Results" and "Prescription". The bottom of the screen features a red navigation bar with five icons: a person icon for "Profile", a calendar icon for "Appointments", a nurse icon for "Assistant", a pill bottle icon for "Treatments", and a speech bubble icon for "Chat".

With the arrows and search icon Gary can look at past and future appointments

Gary can see doctor's notes for each appointment for past appointments

Exam Results Prescription

With the arrows and search icon Gary can look at past and future appointments

Gary can see doctor's notes for each appointment for past appointments

Treatment

Gary can use this tab to understand the prices for each option to help make his decision easier



Alzheimer's

Medications FDA approved

- Aducanumab (Aduhelm™)
- Cholinesterase inhibitors
 - Aricept®
 - Exelon®
 - Razadyne® Dr. recommended
- Glutamate regulators
 - Namenda®

Alternative Treatments

- Caprylic acid
- Coconut oil

Behavior Treatments

- Selective Serotonin Reuptake Inhibitors (SSRIs)

These medications are fully approved by Gary's doctor for his condition and it will be up to him and his proxy to make a decision

Price Calculator



Profile



Appointments



Assistant



Treatments



Chat

User Persona #2 - Sally Johnson



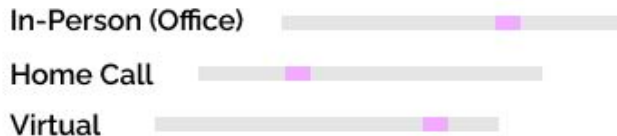
Sally Johnson

Age: 21 years old
Location: Queens, NY
Marital Status: Single
Occupation: Student
Height: 5" 6'
Weight: 127 lbs

Overview

Sally has recently been feeling fatigued, blurred vision, and unintended weight loss. She scheduled an appointment with her doctor and she had a few tests done. After receiving the results, she was diagnosed with Type 2 Diabetes.

Preferred Doctor's Visits



AI Assistant

Article suggestions about diabetes, using natural language processing.

Partnership with FDA, to search their website for data on insulin side effects.

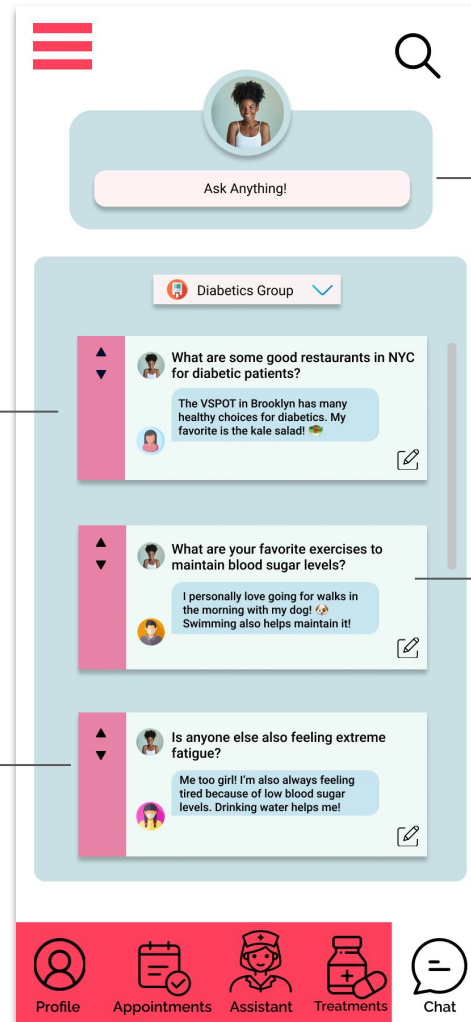


Sally can ask questions about her condition, e.g. insulin side effects

Social Network

Connect with people in her area, get healthy restaurant recommendations.

Form human connections, through shared health experiences.



Sally can ask questions to people on a similar health journey as hers.

Receive tips on how to maintain her physical wellbeing.

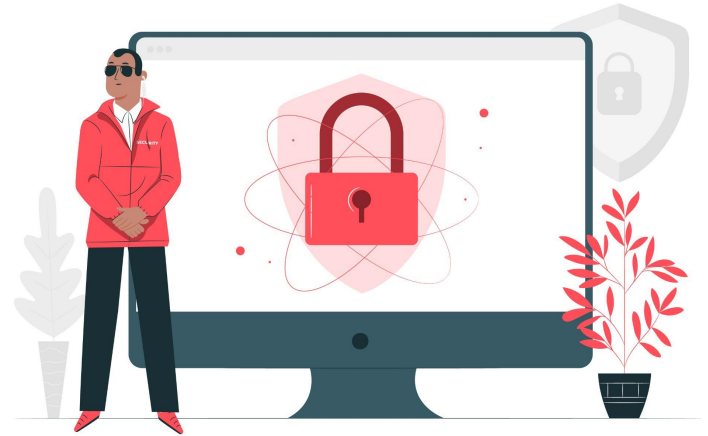
Privacy & Security

Data Encryption

- Interaction with healthcare providers
- Storage of personal medical data

Access Control

- MFA
- Access between physicians
- Access to proxy
- Limited duration



Why HealthU?

Patient Benefits

- Clear understanding of conditions
- Patient autonomy
- Be prepared for visits
- Stay on track with treatments and medications

Industry Benefits

- Doctors held accountable to one another
- Transparency builds trust



Any Questions?

Thank you for listening!



Features

- Homescreen: “Welcome to Health U” **Shana**
- Physical exam results: lab tests, x-rays, scans, biopsies, or other studies, height weight. **Shana**
- Doctor's Assessment: provider's findings from a physical exam, how your lungs or heart sound, a description of a growth on your skin, or observations about your mood. Thoughts about results of your lab tests **Shana**
- Plan of care: Different treatment plans, medications -**AA**
- Appointments: look up upcoming appointments.
- AI Assistant: suggest articles, ask questions
- Appointments: see upcoming appointments **(Pri)**
- Profile: Name, age, medical facts about the person. **Shana**
- Social Network: Connect with anonymous people with similar medical history, communities. **(Pri)**

Personas

Male 70 Alzheimer's

Exam Results: Brain Scans/X Ray

Articles: Proxy View Patient View

Plan of care

Female 21 Diabetes

Social Network

Plan of care

Blood sugar Levels

Partnerships

- Our app would partner with OpenNotes and support this global movement with our technology.
- Also partner with authoritative bodies such as the CDC, FDA, NIH to provide data to our app.
- Using this data, patients are able to educate themselves on a certain diagnosis, medical treatment etc.

