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Translating visual information into
auditory information with a purpose.

Maker Day II

the team

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The Problem

- Vision impairment affects 32M adults in just the US.
- Primarily pain points are navigation and object detection
- Current solutions are either too expensive, too bulky or unreliable

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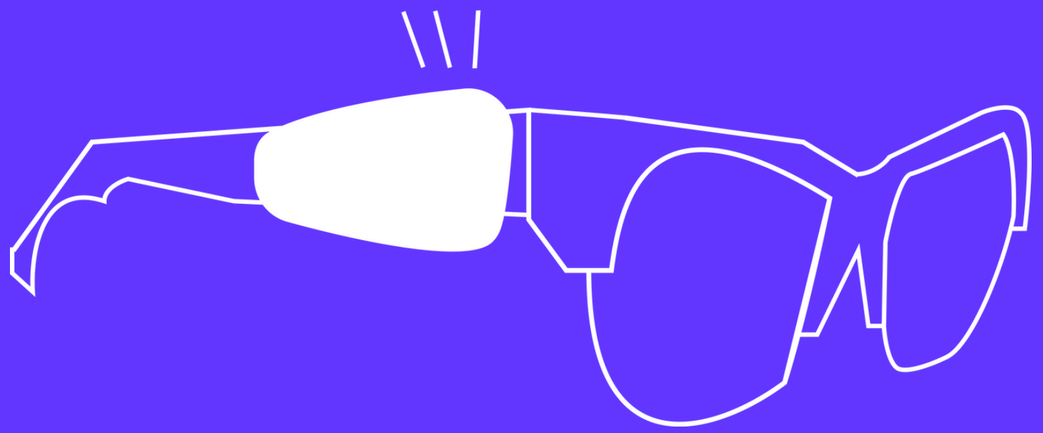

Our solution

A hardware attachment to glasses that provides a hands-free description of visual information into audio in real time for people who are visually impaired.

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Real time computer vision assistance

Activate computer vision capability to assist in everyday tasks in real time and hands free without the need for external assistance

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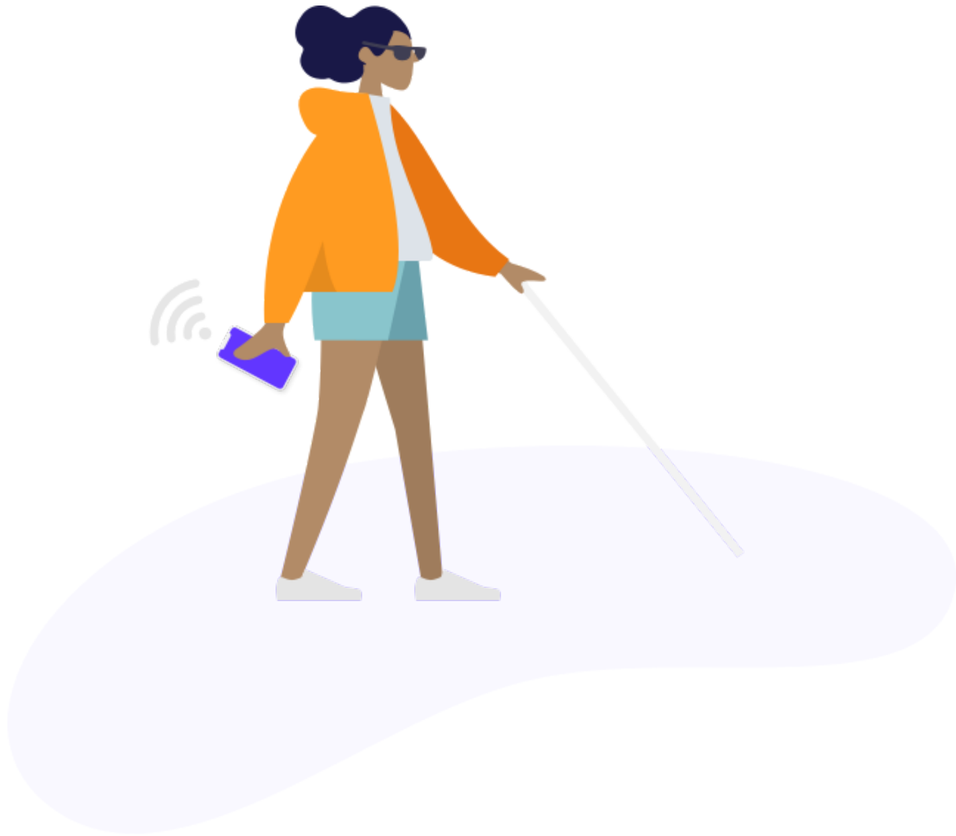
Live human assistance at the touch of a button

Connect with a trained agent to describe the surroundings and give detailed instructions to complete your tasks or reach your destination safely.



Ask AI assistant

Illustration by Soul Choi

User has trouble reading labels on products

Activate the AI Assistant by pushing a button on the glasses

Ask the AI your question

Using Computer Vision, translate desired visual information to audio

AI stops speaking when user stops querying the AI

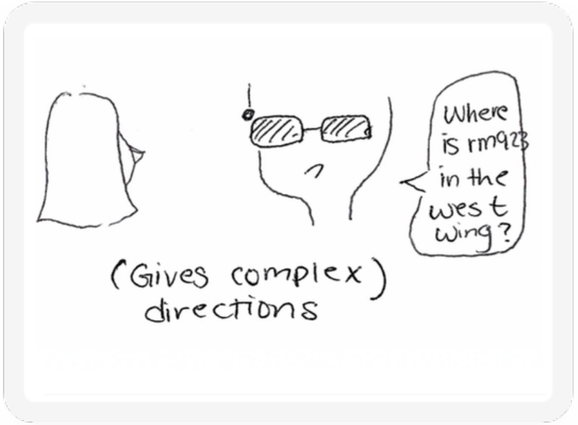
User enjoys the beans, successfully avoiding tomato

Ask a Human

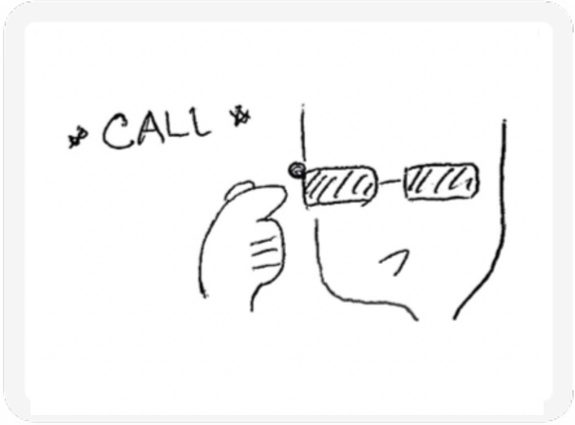
Illustration by Jeanette Xu

User arrives at the hospital

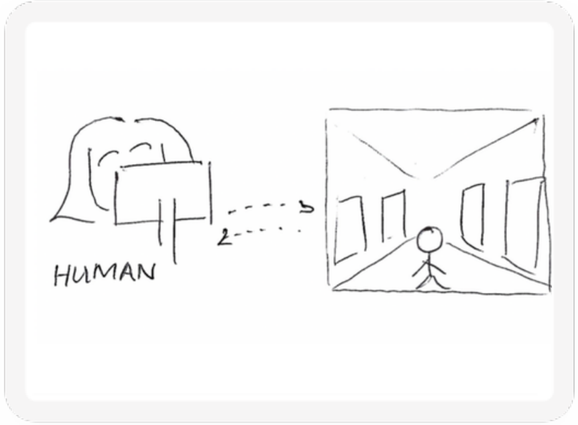
User has trouble navigating a complex indoor space (hospital)



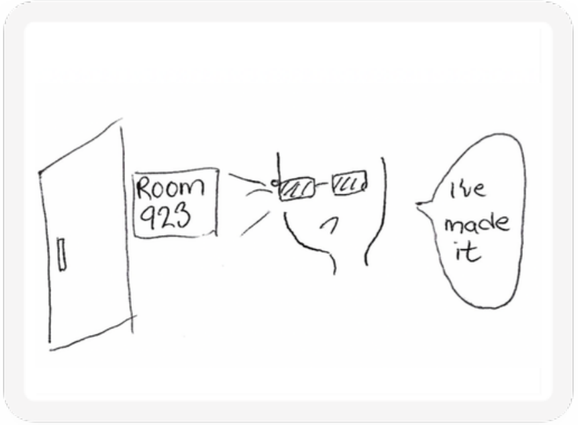
User asks people nearby for help but frustrated by complicated directions



The user calls a trained on-demand human agent by pushing a button on the device



The human agent sees through the Nevosense Glasses and directs the user through the hospital



The user reaches their destination and thanks the Nevo agent and ends the call

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Thank You