V. I. S. O. R.

Video Input into Sound for Object Recognition

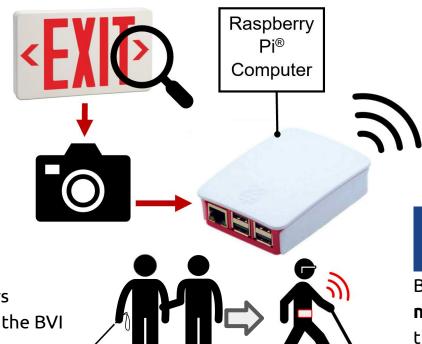
Need

4.2 million Americans are blind/ visually impaired (BVI), and are taught spatial navigation by specialists

- Only 240 orientation and mobility specialist centers in the US
- Specialists are becoming more scarce

Market Potential

- Visual disability specialist centers
- Schools & learning institutes for the BVI
- Americans who are BVI



solution

V.I.S.O.R. finds an exit sign, then tells the user its location and type We aim to make routelearning independent, quick, and reliable

value proposition

BVI users will gain a **newfound independence** as they create mental maps of exit routes with V.I.S.O.R.

School of
Biomedical Engineering,
Science and Health Systems

Sonali Govande Andres Muniz Michael Russo Ricardo Tamayo Courtney DiSangro Jessica White

Dr. Catherine von Reyn, PhD SeniorDesign318@drexel0.onmicrosoft.com