

Team Haoran

Creating a world with better vision

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Co-designer - Haoran Wen



Haoran Wen

20 years old, from New York
Sophomore at Rutgers
University
Low vision

USER NEEDS



CURRENT SOLUTION

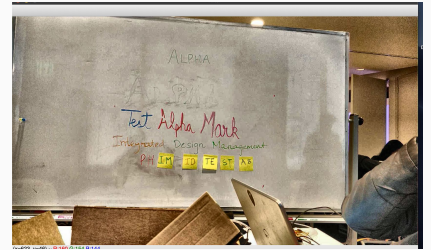
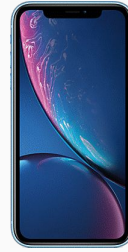
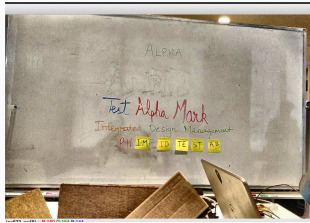


Transformer HD - \$2,595.00

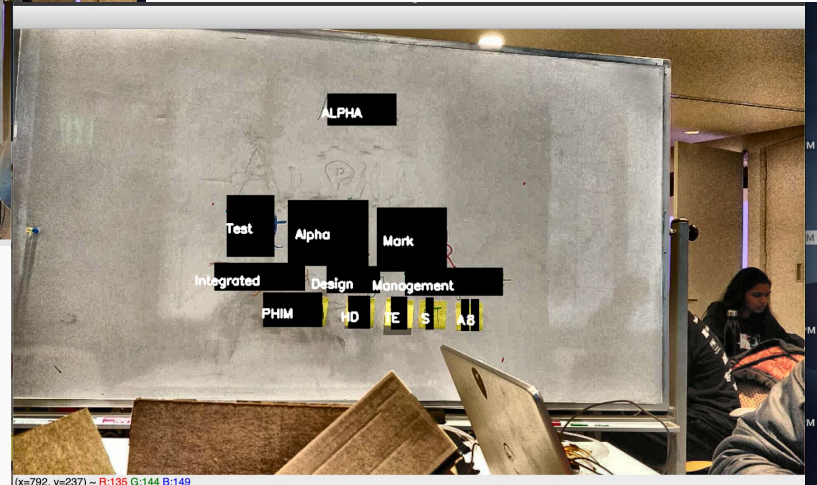
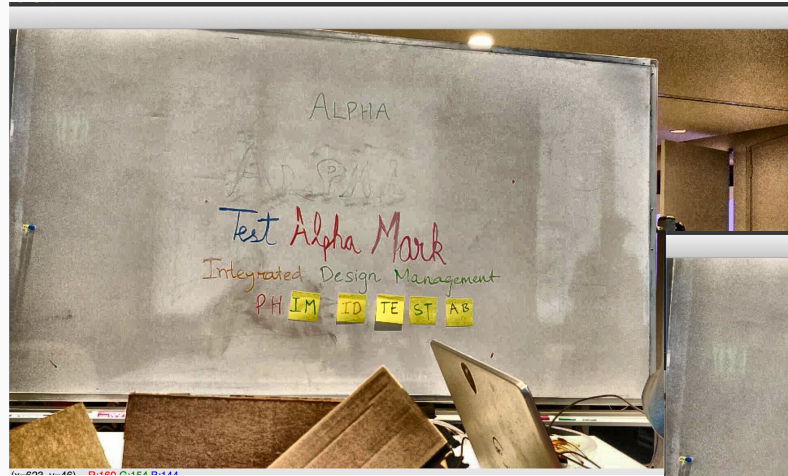
Magnification, light and **contrast** are the three main factors used in assisting low vision patients.

1.3 billion people live with some form of near-vision impairment.

SOLUTION

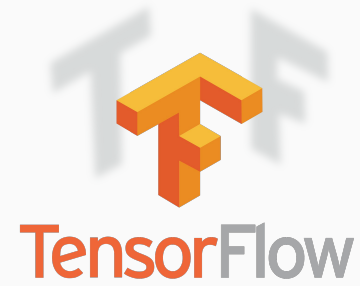


SOLUTION



DEMO







Using Ultrasonic sensor and Vibration sensor, we aim to detect depth of obstacles so that users can use stairs effectively.

Thank you