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Be My Eyes App for Blind People

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Abstract: A person's ability to see is one of their most crucial senses. Many people in this world, many millions of people, struggle with vision problems. These individuals struggle with communication and information access, making it challenging for them to navigate safely and independently. By alerting the blind to the items in their path, the proposed work aims to convert the visible world into an aural one. With the support of real-time object detection technology, this will enable persons with vision impairment to move autonomously and without the need for outside assistance. Through the use of image processing and machine learning, the program can identify things in real time through the camera and communicate their location to blind users through voice output. Many problems have resulted from the inability to distinguish between item.

Keywords: Object Recognition, Disease Prediction, Voice Commands, Text-to-Speech Conversion

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