

ABSTRACT

Helperior is a mobile application that helps blind and visually impaired people to explore their surroundings independently and confidently. The application uses object detection and environmental recognition technology to provide information about the world around the user. This information is delivered verbally through the voice, so the user can know what is in front of them.

Helperior is also equipped with a voice-guided navigation function with Augmented Reality technology. This function allows users to navigate to their destination easily and safely. In addition, the application also offers additional features, such as access to important information and services, as well as the ability to learn independently.

Helperior is an innovative application that has the potential to change the lives of blind and visually impaired people. The application offers a comprehensive solution to improve the safety, mobility, accessibility, and quality of life of users.

Keywords: Helperior, mobile app, blind, visually impaired, object detection, environmental recognition, navigation