

Designing a smart computer for the visually impaired

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Abstract: In the context of the increasing number of visually impaired people in need of technical support, this topic focuses on designing an intelligent computer system to improve their daily lives. The goal is to develop an application based on artificial intelligence and sensor technology to assist visually impaired people in activities such as reading, location navigation, or object recognition. The research methodology includes analyzing the current state of related technology, designing a user interface friendly to the visually impaired, and deploying the application on a mobile platform. The topic is expected to bring high practical value by providing effective support solutions for the visually impaired community.

Keywords: Visually impaired people, Smart technology, Artificial intelligence, Inaccessible positioning, Technical support