

Smart Blind Stick using IoT

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Abstract: A smart blind stick is a device that uses advanced technology to assist visually impaired individuals in navigating their surroundings. In normal blind stick the distance between the obstacle and the person is not get recognized accurately also the object Infront of them did not get recognized. They always get problem while moving from here to there or we can say that the actually problem is faced during the crowded area. So to solve this problem we have used the some sensors to solve this problems also some sensor is used to detect the water present over the ground and the output will be generated in the form of audio/voice. This system is very useful for those who are blind or get accidentally blind and are often need help from others.

Keywords: Blind stick, Smart cane, Assistive technology, Navigation aid, Mobility aid, Ultrasonic sensors, Infrared sensors, Object detection, Haptic feedback, Bluetooth connectivity voice. This system is very useful for those who are blind or get accidentally blind and are often need help from others

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