Review of: "Design and Realization of a Low-Cost Smart Walking Aid for Visually Impaired and Blind People"

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Potential competing interests: No potential competing interests to declare.

Design and Realization of a Low-Cost Smart Walking Aid for Visually Impaired and Blind People

The Problem is addressed well in the Introduction part and the components of the device and the advantages of the device is well described in the Introduction part.

The Brief Description describes well about the components used and their functionalities in the device and how they help Visually Impaired and Blind People. The Schematic diagram of the smart stick is clearly given highlighting its various components.

The Design of the device is very well explained in the article, and the flowchart explains the operation of the device which is very well explained. The components required for the device such as (a) HC-SR04 ultrasonic sensor, (b) Arduino ATmega 328 microcontroller, (c) walking stick, (d) vibrator motor, (e) piezo buzzer, (f) REES52 water sensor, and (g) SIM808 GPS/ GSM shield and their uses are clearly explained.

The Performance evaluation is also explained clearly in the article and the article is concluded well.