

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.

A walking aid for visually impaired people is presented with the incorporation of ultrasonic sensors, as well as water sensors, for obstacle and water detection. Now this work has some issues. In the following, list my comments.

- What is the contribution of your device with respect to the different canes presented?
- The number of citations in the introduction should more than this. The newest reference is 6 years old. The author should do more analysis of recent studies. New references should be added.
- Author should provide detailed information about the required coding, how to assemble the device and why author ensure no biases during that process.
- Author stated that the ultrasonic sensors detect a presence a buzzer sounds, what will be happen if there is excessive noise in the environment and that sound cannot be hear? It will be better to use vibrations at different frequency with different vibration-pattern to communicate with the user.
- Author should compare with some existing models in performance evaluation. More test results should be added.