

## 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.

The authors in this paper claim to have developed an affordable and intelligent walking aid designed to provide visually impaired and blind individuals with alert-based support while navigating both outdoor streets and indoor environments. The paper is nicely written and easy to follow, however, it is suggested to go through the following recommendations/suggestions:

- The literature review of the paper at its current form is quite weak. The authors have cited a list of related papers however, the need/motivation/niche for the proposed work needs improvement.
- I would also appreciate if the authors could explain the difference of their proposed work with their 2003 cited work which is more robust and offer more features.
- The papers does provide few figures, but it is recommended to also provide a block diagram and state diagram of their design for more clarity.
- Lastly, I would really encourage the authors to provide a comparative analysis of their proposed system with the
  existing solutions in terms of cost, power consumption and efficiency.

Qeios ID: 20VA61 · https://doi.org/10.32388/20VA61