

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 first reference is the year 2014 and the data from 2011, today is 2023, so I think the data should be improved. There is also more relevant literature dealing with this area in the last 5 years.

In the second chapter, where it is stated (The microcontroller calculates whether the object is within a range of 2 cm to 200 cm), 200 cm is too big a distance, therefore it is maximal up to 1 m or explain why 2 m is used. Image 3 is only mentioned in the chapter while the elements are described in chapter 3 which is a bit confusing, the image and its elements need to be described in detail as well as each role in the proposed concept, eg Google glass. Chapter 3 has a lot of text that is repeated from before. In Figure 4, where does the algorithm end? I think that image 4 is redundant, it is enough that the components are listed in the paper, this is how the image is displayed throughout the entire page, which is unnecessary. The paper generally lacks a description of all components shown in Figure 3 and how they work, the operation of 2 sensors was tested, it is not clearly shown how Google glass, Hand-piece works and how it is connected to a network, i.e. a picture of the system architecture is missing.