

# Review of: "Development of a Mobile Application for Flag Identification based on Artificial Neural Networks"

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Potential competing interests: No potential competing interests to declare.

## **Paper: Development of a Mobile Application for Flag Identification based on Artificial Neural Networks**

This paper proposes a functional mobile application called "FlagAFlag". It enables classification, i.e., identification of national flags. In fact, the paper is interesting. However, the authors should do all the following comments to improve the quality of their paper.

### **Comments:**

P1: The abstract of the paper is superficial. Deep information about the method should be included.

P2: The type of the used neural network should be stated from the beginning.

P3: The literature review is a little bit weak. The authors should concentrate on the previous related works and present the gaps of each study.

P4: The justification of using the neural networks should be presented clearly. In other meaning, why the neural networks are used? The authors can use the paper at the link: <https://doi.org/10.15377/2409-5761.2020.07.2> for this purpose.

P5: Which algorithm is used for the training process?

P6: A figure should be included to show the used neural network.

P7: How the authors be sure that the neural network is trained very well?

P8: The authors should present clearly in the paper how the mobile application is developed.

P9: Comparison with other previous published works should be presented at the end of the paper concentrating on the accuracy and the effectiveness of the method.

P10: Finally, the English of the paper should be revised carefully and corrected.