

**Perangkat Lunak Berbasis Mobile Peneteksi Rabun Jauh dan Buta Warna** (*Mobile-based  
Detection software Remote color blind and low vision users*)

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***ABSTRACT***

*Low vision and color blindness is abnormalities in the eye and to detect it using a snellen chart for low vision users far and ishihara for color blindness. The patient should come to clinic to check it out. Here the designer will create a snellen chart detection system and ishihara in the form of a mobile that the patient does not bother to come to the clinic. In manufacturing, the designer will measure the distance of 6 meters in tangible form or the original image was scaled down to 20 cm. and the unit meter it will convert be a form of font size (font) or points (pt)*