ABSTRACT

Color Blind is a terminology where somebody cannot differentiate two or more colors. Generally, color blind is divided in two part that congenital character (get from family) and akuisita character (not get from family). Congenital color blind which permanent character divided in three class that trikhromatisme anomali (protanomali/read weakness, deuteranomali/green weakness, tritanomali/blue weakness), dikhromatisme (protanopia/ red color blind, deuteranopia/green color blind and tritanopia/blue color blind) and monokhromatisme (rod cell monokromat and conus cell monokromat)

There are some test devices which have offered to classify the color blind person, but almost all of them can't classify all classification of color blind. When there is an accurate and sensitive test, faced by the expensive cost of test devices and spend a lot of time.

In this paper, it will be developed software that help classifying color blind and based on Ishihara test which is the standard and simple test used in most hospitals. The method uses the reasoning technique and the software development uses the linear sequential model.

Key Word: Color Blind, Ishihara Test, Reasoning Technique, linear sequential model.