

Abstract

The Google home application is an IoT-based application that functions as a smart home controller that runs through the Android platform. The Google home application has an interface or user interface like applications in general. One of the elements that form a user interface design is color. Color plays a role in creating an attractive and functional application interface. The Google home application, based on existing research, has the advantage of providing fast access needs for users to control smart home devices and display colors that can be said to be good qualitatively and quantitatively with a SUS assessment result of 69.25%. However, each person's perspective on color and psychology can be different. Therefore, the Google Home application requires additional features so that users can choose the display color according to their wishes. The design of this feature uses the design thinking method and color theory, namely Brewster's theory. The results of this study with the addition of the UI display color change feature through happiness and engagement measurement variables with values of 67.6% and 66.2% which are high criteria. This shows that the Google Home display after being improvised with the color change feature is acceptable.

Keyword : Breswter theory, color, design thinking, google home, IOT, UI.