HUES OF YOU: A 2D INTERACTIVE ANIMATED SHORT FILM

An Undergraduate Thesis

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In Partial Fulfillmeπnt

of the Requirements for the Degree

Bachelor of Science in Entertainment and Multimedia Computing

by

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June 2023Approval Sheet

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# Abstract

The present study aimed to create a 2D interactive animated short film that was color-blind friendly. Targeted sampling was used, with 10 colorblind and 10 non-color-blind people participating. The researchers used a usability evaluation questionnaire from a study conducted by Scepanovic, Vujicic, Matijevic, and Radunovic (2015) to measure the interactive multimedia system's positive experience. It was discovered that color-blind people gave the learning and engaging experience and the system's performance generally excellent reviews. According to the results of the system's evaluation module, most respondents believed that the film is color-blind-friendly for all types of color-blindness and that there was a difference between the non-color-blind film and the color-blind film.

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