

FINAL PROJECT

**INTERACTIVE CHILDREN'S STORYBOOK USING COLOR BLIND
FRIENDLY PARTIAL COLOR ABOUT NATURAL BEAUTY FOR
CHILDREN AGED 8-10 YEARS**

To Fulfill Partial Requirements for Obtaining a Bachelor's Degree (S1)



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FACULTY OF ARCHITECTURE AND DESIGN
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JAWA TIMUR**

2025/2026

APPROVAL PAGE

**INTERACTIVE CHILDREN'S STORYBOOK USING COLOR BLIND FRIENDLY
PARTIAL COLOR ABOUT NATURAL BEAUTY FOR CHILDREN AGED 8-10
YEARS**

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AGREEMENT PAGE

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PARTIAL COLOR ABOUT NATURAL BEAUTY FOR CHILDREN AGED 8-10
YEARS**

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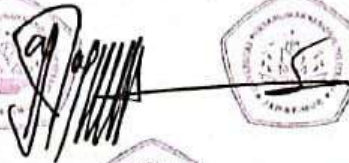
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STATEMENT OF FREE PLAGIARISM

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I declaring that in this scientific document of Final Project there is no part of another scientific works that has been submitted to obtain an academic degree in a Higher Education institution, and there is also no works or opinions that has been written or published by other person/institutions, except those that are writtenly cited in this document and stated in full in the bibliography.

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FOREWORD

Praise be to Allah SWT for the completion of the design of an interactive children's storybook with the title "Mata Istimewa Dewa". This book was made from a simple desire that every child, without exception, can experience the magic of the story through illustrations that can be enjoyed by all eyes. Through the character of Dewa, the author believes that every child deserves an equal, comfortable and enjoyable reading experience. The hope is that this book can be a bridge of empathy for readers to see that differences are not a limit.

The design of this interactive storybook cannot be separated from guidance, support, and prayers from various parties. Therefore, on this occasion the author would like to express his deepest gratitude to:

1. Allah SWT, for all the blessings and smoothness given in every stage of this planning work.
2. Parents and family, who always provide support and prayers that never stop for the success of the writer.
3. Mrs. Mahimma Romadhona, S.T., M.Ds. as the first supervisor, who has provided very valuable direction, knowledge, and advice so that this design can be completed optimally.
4. Mr. Restu Ismoyo Aji, S.Sn., M.A. as the second supervisor who has guided the author during the work on this design.
5. All lecturers of the Visual Communication Design study program at the National Development University "Veteran" East Java, who have equipped the author with valuable knowledge during the lecture period.
6. Kak Dila and Rayyan, as research subjects who have been willing to share valuable experiences and inspiration about partial color blindness, so that the character of Dewa in this book can be created with a strong story foundation.
7. Warkop Budhe Yayuk, Vira, Gita, Anggun, Suli, Dina, and Inayah, thank you for the enthusiasm and valuable assistance given during this lecture period. Your presence is the biggest motivation for the writer to keep moving forward to complete this design
8. Grup kos Ibu Bety, Vira, Gita, and Awan, thank you for becoming a second home during this design process.

The author realizes that this Final Project report is still far from perfect. Therefore, the author is very open to constructive criticism and suggestions for the development of other better works in the future. Finally, hopefully this book "Mata Istimewa Dewa" can provide benefits for readers and the development of the design world in Indonesia.

Surabaya, May 21 2026

A handwritten signature in black ink, appearing to read 'Nadya Alifia Ramadani', written in a cursive style.

Nadya Alifia Ramadani

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ABSTRACT

This design study is driven by the imbalance in children's literacy media, where storybooks circulating in the market often ignore the needs of children with partial color blindness. This is reinforced by field observations that found a lack of literacy media aimed at partially colorblind children. This condition allows it to inhibit children in enjoying the visual of books and children's motor development and triggers stigma and lack of empathy among peers socially. Therefore, this research emphasizes the need for media that fairly displays the beauty of nature to children who are partially colorblind, as well as an educational medium that is easy for children to understand.

The qualitative approach was used as a methodology that included three main data collection techniques, namely in-depth interviews on color blindness, observations to analyze children's book design trends and market gaps, and literature studies. The collected data is then analyzed to determine the direction and strategy of designing this book.

The resulting concept is an interactive children's storybook based on visual accessibility, children's motor development, and the formation of empathy attitudes. Its implementation involves the application of a partial color blind-friendly color scheme with interactive features that act as motor triggers in children.

This design is expected to produce innovative and functional literacy media for children who are partially colorblind. Books not only serve as an effective visual aid for partially colorblind children to interact with stories, but also as a social connecting medium that fosters better empathy, tolerance, and acceptance in children.

Keywords: Interactive Books, Partial Color Blindness, Natural Beauty