

**ACCESSIBILITY ANALYSIS OF INDONESIAN NEWS
WEBSITE FOR VISUALLY IMPAIRED USER USING
AUTOMATED TOOLS BASED ON WCAG 2.2**



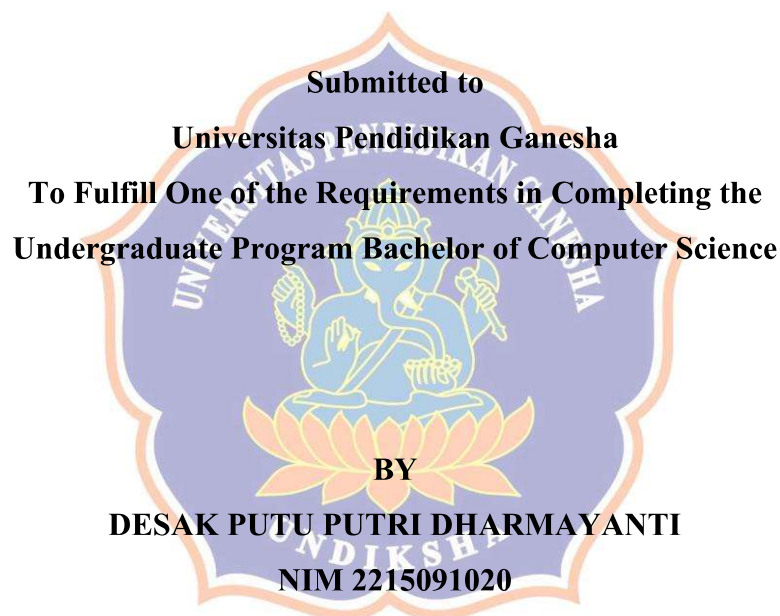
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**INFORMATION SYSTEMS STUDY PROGRAM
INFORMATIC ENGINEERING DEPARTMENT
ENGINEERING AND VOCATIONAL FACULTY
UNIVERSITAS PENDIDIKAN GANESHA
SINGARAJA**

2025

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UNDERGRADUATE THESIS



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INFORMATIC ENGINEERING DEPARTMENT
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SINGARAJA**

2025

UNDERGRADUATE THESIS

SUBMITTED IN FULFILLMENT OF THE REQUIRED ACADEMIC WORK AND IN COMPLETION OF THE REQUIREMENTS TO OBTAIN THE DEGREE OF BACHELOR OF COMPUTER SCIENCE

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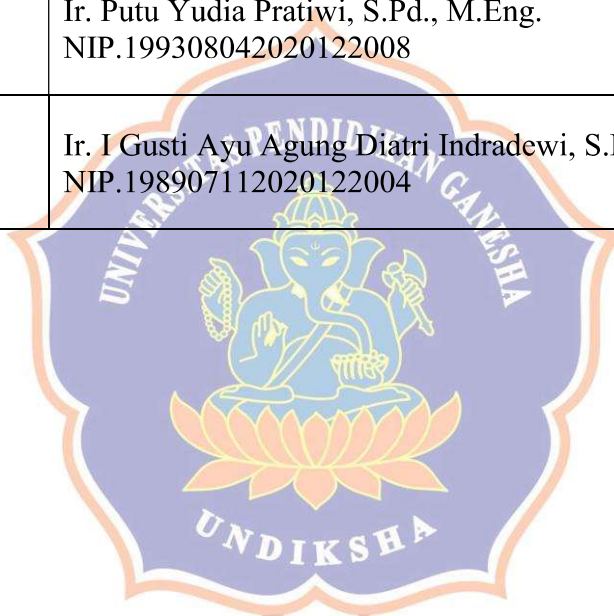


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Undergraduate Thesis by Desak Putu Putri Dharmayanti
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To fulfill the requirements to obtain the undergraduate degree of bachelor of computer science

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STATEMENT OF AUTHENTICITY

I hereby declare that this academic work entitled “Accessibility Analysis of Indonesian News Website for Visually Impaired User using Automated Tools based on WCAG 2.2” and all its contents are truly my own work, and I have not committed plagiarism or cited in ways inconsistent with the ethics prevailing in the academic community. I am prepared to bear any risk/sanction imposed on me if violations of academic ethics are found in this work, or if there are claims against its authenticity.

Singaraja, 10 July 2026

Statement made by,



Desak Putu Putri Dharmayanti

NIM 2215091020

MOTTO

**“Always be the best version of yourself
and keep moving forward.”**



PREFACE

The author would like to express the highest gratitude to Ida Sang Hyang Widhi Wasa for His abundant blessings and grace, which have guided the author throughout the completion of this thesis entitled “Accessibility Analysis of Indonesian News Website for Visually Impaired User using Automated Tools based on WCAG 2.2.” This thesis is submitted in partial fulfillment of the requirement for obtaining a Bachelor’s degree in Information System at Universitas Pendidikan Ganesha.

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The author acknowledges that this thesis is far from perfect and that there remains much room for improvement. Constructive criticism and suggestion from any parties are welcomed sincerely. The author hopes that this thesis would be able to provide beneficial for every reader.

Singaraja, 10 July 2026

Author

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