IMPLEMENTING OPTIMISTIC LOCKING TO DIGITIZE TICKET SALES FOR MALAM GELAR SENI AT UNDIKSHA

BY

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COMPUTER SCIENCE STUDY PROGRAM

DEPARTMENT OF INFORMATICS ENGINEERING

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UNDERGRADUATE THESIS

Submitted to
Universitas Pendidikan Ganesha
To Fulfil One of the Requirements in Completing
Bachelor of Computer Science Program

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SUBMITTED TO COMPLETE ASSIGNMENTS AND FULFILL THE REQUIREMENTS TO OBTAIN A BACHELOR'S DEGREE IN COMPUTER SCIENCE

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DECLARATION

I hereby declare that the written work titled "**Implementing Optimistic Locking to Digitize Ticket Sales for Malam Gelar Seni at Undiksha**" and its entirety are genuinely my original work, created without engaging in plagiarism or improper citation practices that violate the ethical standards of the scientific community. By making this declaration, I accept full responsibility for any sanctions that may be imposed if any violations of scientific ethics or challenges to the authenticity of my work are later discovered.

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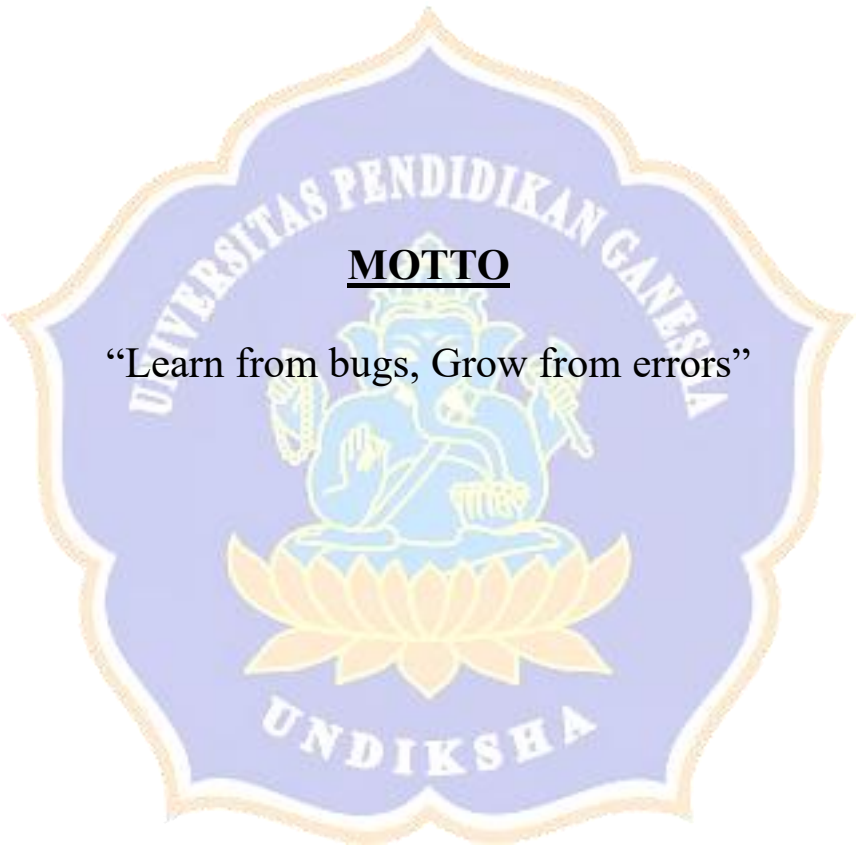

MOTTO

"Learn from bugs, Grow from errors"

PREFACE

Praise the author's gratitude to Ida Sang Hyang Widhi Wasa, because thanks to His abundance of grace the researcher can compile and complete the thesis entitled "Implementing Optimistic Locking to Digitize Ticket Sales for Malam Gelar Seni at Undiksha." This undergraduate thesis is prepared to fulfil some of the requirements to obtain a Bachelor of Computer Science degree.

This undergraduate thesis can be completed on time of course, with efforts, prayers, support and enthusiasm from all parties, both in the form of material and moral support. Therefore, through this opportunity the author would like to express heartfelt thanks and respect to:

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The thesis still has shortcomings and limitations, which the author humbly acknowledges. Therefore, the author sincerely accepts all suggestions and constructive criticism from the readers to perfect this work. It is hoped that this thesis can make a meaningful contribution to the development of information technology, particularly in the field of system and application development. Hopefully this work can be useful reference for future innovations, especially in building practical and efficient digital solutions for the surroundings. For your attention and contribution, Thank you.

Singaraja, July 25, 2025

Author

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