

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



**COMPUTER SCIENCE STUDY PROGRAM  
DEPARTMENT OF INFORMATICS ENGINEERING  
FACULTY OF ENGINEERING AND VOCATIONAL  
UNIVERSITAS PENDIDIKAN GANESHA  
SINGARAJA  
2025**



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**UNDERGRADUATE THESIS**

**Submitted to**

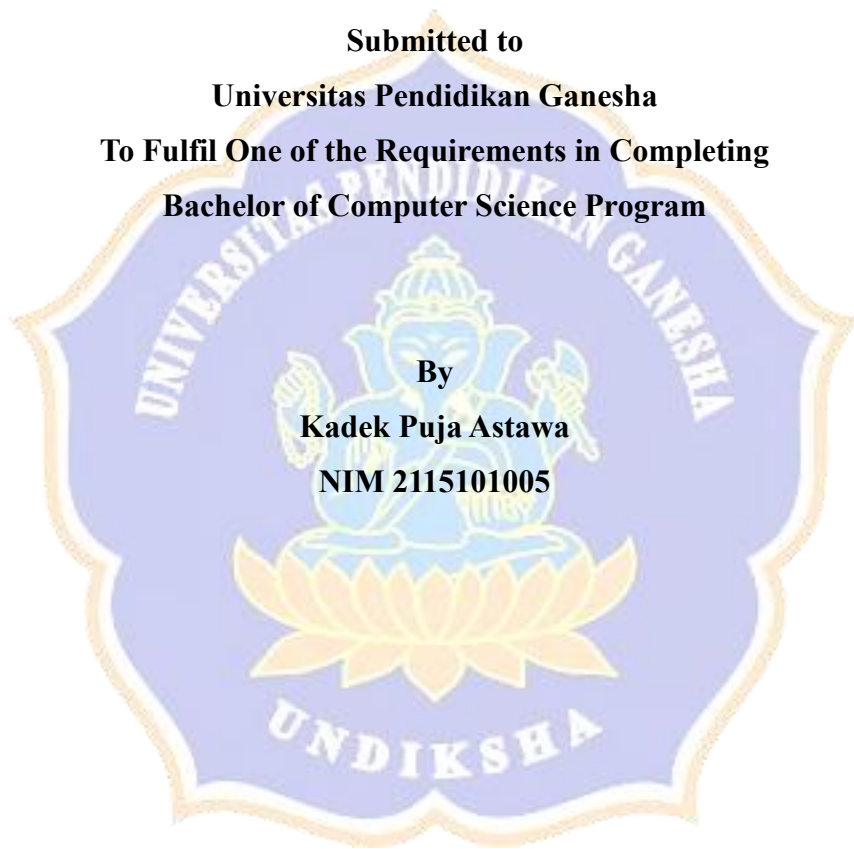
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**To Fulfil One of the Requirements in Completing  
Bachelor of Computer Science Program**

**By**

**Kadek Puja Astawa**

**NIM 2115101005**



**COMPUTER SCIENCE STUDY PROGRAM  
DEPARTEMENT OF INFORMATICS ENGINEERING  
FACULTY ENGINEERING AND VOCATIONAL  
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# **UNDERGRADUATE THESIS**

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

**Approved by**

Supervisor I,

Supervisor II,



Ir. Ketut Agus Seputra, S.ST., M.T.  
NIP. 199008152019031018



I Nyoman Saputra Wahyu Wijaya, S.Kom., M.Cs.  
NIP. 198910262019031004

This Undergraduate Thesis by Kadek Puja Astawa  
defended before the examiner  
on July 23, 2025

Board of Examiners,



Dr. Ni Ketut Kertiasih, S.Si., M.Pd.  
NIP. 197011181997032001

(Chairperson)



I Ketut Resika Arthana, S.T., M.Kom.  
NIP. 198412012012121002

(Member)



Ir. Ketut Agus Seputra, S.ST., M.T.  
NIP. 199008152019031018

(Member)



I Nyoman Saputra Wahyu Wijaya, S.Kom., M.Cs.  
NIP. 198910262019031004

(Member)

Accepted by the Faculty of Engineering and Vocational Examination Committee  
Universitas Pendidikan Ganesha  
to fulfil the requirements for obtaining a Bachelor's degree in Computer Science

On:

Day : Senin  
Date : 04 AUG 2025



Exam Chairman,

Acknowledged by,

Exam Secretary,

A blue ink signature, appearing to be "Made Windu Antara Kesiman", written over a vertical line.

Made Windu Antara Kesiman, S.T., M.Sc., Ph.D.  
NIP. 198211112008121001

A blue ink signature, appearing to be "I Nyoman Saputra Wahyu Wijaya", written in a stylized, cursive manner.

I Nyoman Saputra Wahyu Wijaya, S.Kom., M.Cs.  
NIP. 198910262019031004

Approved by  
Dean of the Faculty of Engineering and Vocational



Prof. Dr. Kadek Rihendra Dantes, S.T., M.T.  
NIP. 197912012006041001

## 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.

Singaraja, July 25, 2025

The one that makes a statement,



Kadek Puja Astawa  
NIM 2115101005





### **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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Author

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