

# APPROVAL PAGE

Approval of the School of Computing of Telkom University

I certify that this thesis satisfies all the requirements as a thesis for the degree of Master Informatics.

Date Sept 22, 2023 (\*the date can be set manually)



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(Dr. Setyorini, ST., M.T.)

Head of Master Informatics

This is to certify that we have read this thesis and that in our opinion it is fully adequate, in scope and quality, as a thesis for the degree of Master of Informatics.

Date Sept 22, 2023



Dr. Bayu Erfianto  
School of Computing  
Telkom University

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(Dr. Bayu Erfianto, S.Si., M.Sc.)  
Supervisor

Examining Committee Members.

Date Sept 22, 2023



Digitally signed by Fazmah Arif Yulianto  
DN: cn=Fazmah Arif Yulianto, o=Universita  
Telkom, cn=Fazmah Arif Yulianto, s=Fazmah Arif  
Yulianto, email=fazmah@telkom.ac.id  
Date: 2023.09.26 17:20:21+0700

(Dr. Fazmah Arif Yulianto, S.T.,M.T. ) (Chairperson of the jury): \_\_\_\_\_



(Dr. Setyorini, ST., M.T.) (jury's member): \_\_\_\_\_

(Bedy Purnama, S.Si., M.T., Ph.D.) (jury's member): \_\_\_\_\_

