

APPROVAL PAGE

Approval of the Graduate 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: 10-03-2022

A handwritten signature in black ink, appearing to be 'Setyorini', written over a horizontal line. The signature is stylized and includes a large, sweeping flourish that extends to the right.

(Dr. Setyorini)

Head of Graduate School of 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: 04-03-2022



(Dade Nurjanah, Ph.D)
Supervisor

Examining Committee Members.

Date of Examination: 04-03-2022

(Jimmy Tirtawangsa, Ph.D) (Chairperson of the jury)



(Dana Sulistyo Kusumo, Ph.D) (jury's member)



(Gia Septiana Wulandari, Ph.D) (Jury's member)

