## 1. 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: 12 Feb 2024

(Dr. Setyorini, S.T., 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: 12 Feb 2024

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Date of examination: 12 Feb 2024

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