


APPROVAL PAGE

Approval of the School of Computing of Telkom University

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

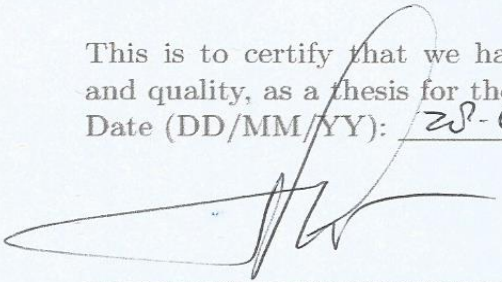
Date (DD/MM/YY): 21/4/17



(Dana Sulisty Kusumo, Ph.D.)
Head of Graduate School of Informatics

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

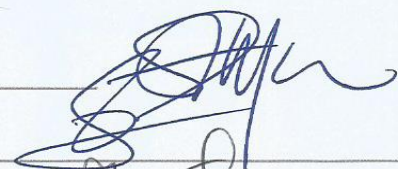
Date (DD/MM/YY): 28-08-2017



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Supervisor

Examining Committee Members

Date of examination (DD/MM/YY): 28-08-2017

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