

APPROVAL PAGE

Approval of the Graduate School of Telkom University

Date 01/08/2017

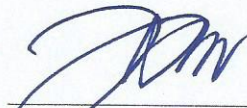


(Dade Nurjanah, Ph.D.)

Director of Graduate School of Telkom University

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

Date 01/08/2017



(Dana Sulistyo Kusumo, Ph.D.)

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 01/08/2017



Dade Nurjanah, Ph.D.

First Supervisor

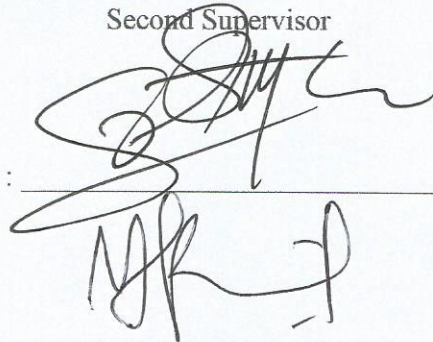


Dana Sulistyo Kusumo, Ph.D.

Second Supervisor

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