

APPROVAL

Approval of the Graduate School of Telkom University

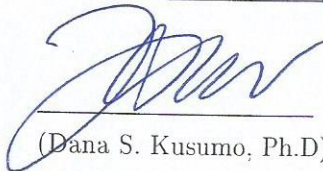
Date : _____

(Dr. Maman Abdurohman)

Dean of School of Computing, Telkom University

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

Date : September, 9th 2016

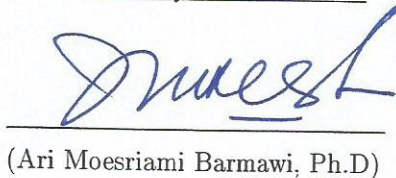


(Dana S. Kusumo, Ph.D)

Head of Graduate School of Informatics Engineering

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 Engineering.

Date : 16 Agustus 2016



(Ari Moesriami Barmawi, Ph.D)

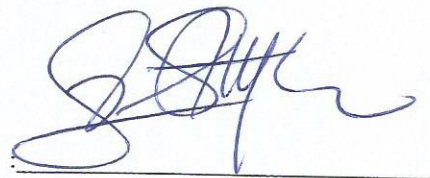
Supervisor

Examining Committee Members :

Date : 16 Agustus 2016

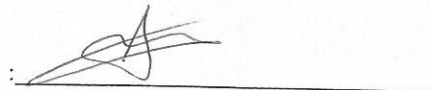
(Jimmy Tirtawangsa, Ph.D)

(Chairperson of the jury)



(Thomas Anung Basuki, Ph.D)

(jury's member)



(Arie Ardiyanti, MT)

(jury's member)

