

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 Sept 11, 2017

(Dana Sulistyو 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 Sept 11, 2017



(M. Arif Bijaksana, Ph.D)

Supervisor



(Prof. Dr. Adiwijaya)

Co-Supervisor

Examining Committee Members.

Date Sept 11, 2017

(Kiki Maulana Adhinugraha, Ph.D) (Chairperson of the jury) :



(Dr. Putu Harry Gunawan) (jurys member) :



(Arie Ardiyanti, ST. MT.) (jurys member) :
