

APPROVAL PAGE

Approval of the School of Computing of Telkom University

Date _____

(Dr. Maman Abdurohman)

Dean School of Computing

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

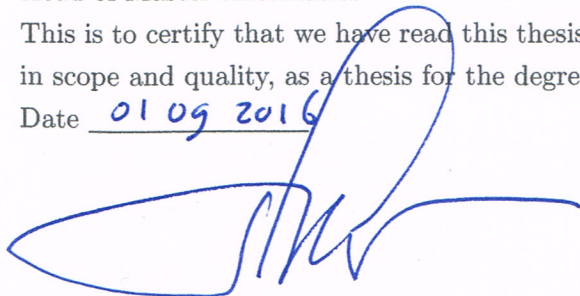
Date _____

(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 01 09 2016



(Hertog Nugroho, Ph.D.)

Supervisor

Examining Committee Members.

Date _____

(Jimmy Tirtawangsa, Ph.D.) (Chairperson of the jury) : _____

(Tjokorda Agung Budi W., S.T., M.T.) (Jury's member) : _____

(Yanti Rusmawati, Ph.D.) (Jury's member) : _____