APPROVAL

Approval of the Graduate School of Telkom Unive	rsity
Date: Oct, 24th 2016	
m. Allu Pah	
(Dr. Maman Abdurohman, M.T.)	
Dean of Computing School of Telkom University	
I certify that this thesis satisfies all the requirement	ents as a thesis for the degree of Master o
Informatics Engineering.	
Date: _ 1 - w - 216	
Am.	
(Dana Kusuma, Ph. D)	ing
Head of Graduate School of Informatics Engineer	
This is to certify that we have read this thesis an	
scope and quality, as a thesis for the degree of M	laster of informatics Engineering.
Date: 25-10-2016	
£ Sky	A Shlugal
(Fazmah Arif Yulianto, S.T, M.T.)	(Dr. Maman Abdurohman, M.T.)
Co-Supervisor	Supervisor
Examining Committee Members:	
Date of examination:	
Dr. Tutun juhana (Chairperson of the jury)	
Satria Mandala, Ph. D (jury's member)	
Istikmal S.T. M.T. (iun/s member)	