## **APPROVAL PAGE**

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Date (DD/MM/YY)	
(Ir. Ari Moesriami Barmawi, Msc., PhD)	
Dean of Graduate School of IT Telkom	
I certify that this thesis satisfies all the requirements Engineering.	s as a thesis for the degree of Master Informatics
Date (DD/MM/YY)	
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Head of Informatics Engineering	0
This is to certify that we have read this thesis and and quality, as a thesis for the degree of Master o	
( Adiwijaya, MSi )	( Prof. The Houw Liong )
Co-Supervisor	Supervisor
Co-Supervisor  Examining Committee Members (first name belong name belongs to supervisor, the rest is in alphabe	Supervisor gs to the chairperson of the jury and the second etical order of first name) Date of examination
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