## **APPROVAL PAGE**

Approval of the Graduate School o Date:	f Telkom University
()  Dean of School of Computing, Tell I certify that this thesis satisfies all Engineering.  Date:	kom University the requirements as a thesis for the degree of Master Informatics
	matics Engineering I this thesis and that in our opinion i tis fully adequate in scope see of Master of Informatics Engineering.  Date:
	(Prof. Dr. Adiwijaya) Supervisor
Date:  (Arie Ardiyanti)  (Chairperson of the jury) (Moch Arif Bijaksana)  (Jury's member) (Arief Fachtul Huda)  (Jury's member)	- Ang