Approval of the Graduate School of IT Telkom

July   2012

Ir. Ari Moesriami Barmawi, M.Sc., Ph.D.
Dean of Graduate School of IT Telkom

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

July   2012

Arie Ardiyanti Suryani, S.T., M.T.
Head of Informatics Engineering

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 Engineering.

July   2012

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