APPROVAL PAGE

Approval of the Graduate School of Telkom University

Date Sept 2, 2015

Dr. Maman Abdurohman)

Dem School of Computing

that this thesis satisfies all the requirements as a thesis for the degree of Master Telecommunication Engineering.

Date Sept 2, 2015

Vina Sulistyo Kusumo, ST, MT, PhD)

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 that we have read this thesis and that in our opinion it is fully adequate, in scope that the six for the degree of Master of Informatics/Telecommunication Engineering.

Date Sept 1, 2015

(Artie Ardiyanti, MT)

Co-Supervisor

(Prof. The Houw Liong)

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SELF DECLARATION AGAINST PLAGIARISM

I hereby declare that all information in this document has been obtained and presented in accordance with academic rules and ethical conduct. I also declare that, as required by these rules and conduct, I have fully cited and referenced all material and results that are not original to this work.

Nova Ikawardhana
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August 25, 2015
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August 25, 2015
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August 25, 2015

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