THE STATEMENT OF ORIGINALITY

I hereby declare that this submission is my own work and to the best of my knowledge it contains no materials previously published or written by another person, or substantial proportions of material. I also declare that the intellectual content of this thesis is the product of my own work.

If found evidence that my statement is not true, then I am willing to accept sanctions applicable provisions in the Airlangga University.

Surabaya, July 2015

(Florent Giovanni Mbolatiana)