

LETTER OF RATIFICATION

This thesis entitled "Efl Students Perception Towards Duolingo Application as A Tool for Self-Directed Learning English Vocabulary" written by Nofitri Yani, student number A1B221013 has been defended in front of the board examiners on February 27th and was declared acceptable.

The Board of Examiners

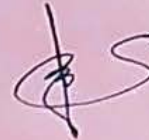
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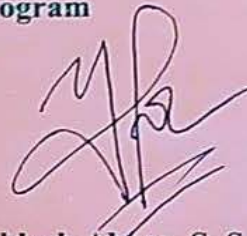


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