

## DECLARATION OF AUTHENTICITY

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I hereby declare that the undergraduate thesis entitled: "The Use of Duolingo as a Digital Language Learning Tool in Improving Vocabulary Mastery: a Pre-Experimental Study at Elementary School Students" is genuinely and entirely my original work. I confirm that no part of this thesis has been copied or reproduced from any other sources without proper citation and acknowledgment. All data, analysis, and findings presented are the result of my research process and efforts. I understand that any act of plagiarism or academic dishonesty in this thesis may result in academic sanctions, including the potential revocation of my academic degree by Universitas Islam Negeri Sunan Gunung Djati Bandung.

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Bandung, July 2025

The Researcher



The stamp is a rectangular official seal with a pink background and yellow border. It features the Garuda Pancasila emblem at the top center. Below the emblem, the text 'METERAI TEMPEL' is printed in bold. At the bottom, a unique alphanumeric code 'C5584AMX443905158' is visible. A handwritten signature in black ink is written across the stamp.

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