

UNIVERSITAS NEGERI MEDAN

THESES

The Development Of Animation-Based Learning Media Using
Adobe Flash On Chemical Bonding Material To Improve
Student Learning Outcomes

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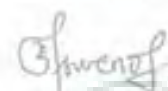
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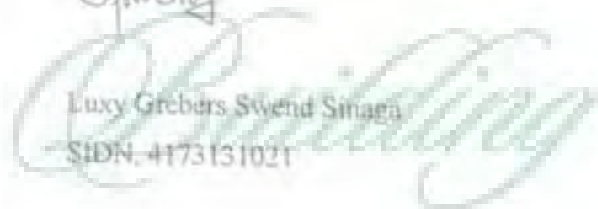
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BIOGRAPHY



Luxy Grebers Swend Sinaga, an author of the thesis titled *The Development of Animation-Based Learning Media Using Adobe Flash on Chemical Bonding Material to Improve Student Learning Outcomes*, was born in Jambi on September 3rd, 1999. The writer is the third of four children of Hisar Wahab Sinaga (Father) and Rosleni Manalu (Mother). The author started his formal education at TK Xaverius 2 Jambi and graduated in 2005, after that continued at SD Negeri 173688 Nainggolan and graduated in 2011. After elementary school, the writer continued his education at SMP Negeri 1 Nainggolan and graduated in 2014. High school education, science department was taken for 3 years from 2014 to 2017 at SMA Negeri 1 Siborongborong. In 2017, the author was accepted as one of the students in the Bilingual Chemistry Education Study Program, Faculty of Mathematics and Natural Sciences, Medan State University. In July 21st 2021, the author is declared to have passed the thesis defense exam and is entitled to use a Bachelor of Education (S.Pd)

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