

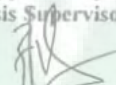
UNIVERSITAS NEGERI MEDAN

THESES

THE IMPLEMENTATION OF PROBLEM BASED LEARNING MODEL  
ASSISTED BY SIMULATION TO IMPROVE STUDENTS'  
CRITICAL THINKING ABILITY USING  
ONLINE LEARNING

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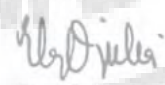
  
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Dita Natalia Yosefin Simamora was born in Medan on December, 28<sup>th</sup> 1999. Father's name is Bernard Simamora and mother's name is Vina Liska Hutagaol. Dita is the first child from two siblings. In 2011, Dita graduated from SD Budi Murni 7 Medan. In 2014, Dita graduated from SMP Negeri 12 Medan. Dita continued her education in SMA Negeri 7 Medan and graduated in 2017. In 2017, Dita accepted in State University of Medan , Mathematics and Natural Science Faculty, Department of Physics, Bilingual Education Study Program.

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