

FOREWORD

Alhamdulillah, praise to the presence of Allah SWT thanks to His taufik and guidance so that the author can complete the thesis entitled "The Effect of Project Based Learning Model on Students Learning Outcomes and Activities in Living Things Classification Subtopic at SMAN 1 Tanjungbalai". This thesis was prepared to fulfill some of the requirements needed to achieve a Bachelor of Education degree in the Biology Education Study Program, Faculty of Mathematics and Natural Sciences (FMIPA), Medan State University (Unimed).

The preparation of this thesis has gone through a long, tiring journey and various stages in accordance with the standard procedures that apply at FMIPA Unimed, starting from the stage of determining the research topic, preparing and seminar proposals, conducting research, preparing the thesis, and defending the thesis exam. There were many challenges that the author faced while completing this thesis, but Allah always helps and provide a solution for her.

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The author realizes that this thesis still has shortcomings and limitations, however, while expecting constructive criticism and suggestions, the author hopes that this thesis can be useful for related parties, especially the Unimed biology department. Greetings grow and develop.

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