

PREFACE

The authors say the praise and gratitude to God Almighty, for all the graces and blessings that provide health and wisdom to the author that this study can be completed properly in accordance with the planned time.

Thesis entitled " The Effectiveness of Using Virtual Simulation Media with Macromedia Flash Combine with Experimental Method to Improve Students' Learning Outcomes in Dynamics Electric's Subject for the First Grade of SMA N 1 Perbaungan A.Y. 2012/2013", prepared to obtain a Bachelor's degree Physical Education, Faculty of Mathematics and Natural Science in State University of Medan.

On this occasion the author likes to thank Mr. Drs. Jonny H. Pangabean, M.Si as Thesis Advisor who has provided guidance and suggestions to the author since the beginning of the study until the completion of this thesis writing. Thanks also to Dr. Ridwan A. Sani, M.Si., Drs. Rahmatsyah, M.Si, and Drs. Pintor Simamora, M.Si., who have provided input and suggestions from the research plan to complete the preparation of this thesis. Thanks also presented to Dr. Derlina, M.Si., as the Academic Supervisor. Thanks also for all Mr. and Mrs. lecturer and staff employee of Physics FMIPA State University of Medan who have encourage the writer during the lecture. Appreciation were also presented to Headmaster and all teacher in SMA N1 Perbaungan who have helped during this research. Mr. Suhairi, M.Pd and also to Physics teacher Mrs. Jumiati, S.Pd.

Gratefully and specially to : Dear my lovely father N. Simanihuruk and my lovely mother L. Sihaloho and my lovely grandparent, and also my young sisters Friska, Ronauli, Helenjelina, Mulak, and Adelia, my young brothers Bosril and Hotman, and all family who have prayed and gave me encouragement and funding to complete the study in Unimed. Especially thanks to all my friend in Bilingual Physics Class 2009, especially my best friends Gita Ravhani Anugrah and Debora Betty who have helped, prayed and gave supported to author. I also

would like to thank to my friends, Evi Mariani Mungkur, Ringgas Panjaitan and especially to Imam Tyson Togatorop, S.Pd who have helped and gave supported during my research.

The author has endeavored to as much as possible in completing this thesis, but the author is aware there are many drawbacks in terms of both content and grammar, then the author welcome any suggestions and constructive criticism from readers for this thesis perfectly. The author hope the contents of this paper would be useful in enriching the repertoire of knowledge.

Medan, June 2013

Author,

Fetrianas Simanihuruk

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