ACKNOWLEDGEMENT

In the name of Allah, the Most Gracious and the Most Merciful

Alhamdulillah first of all, I would like to give the greatest thank and praise to Allah SWT for blessing me to be able to finish the final task in University Level, known as skripsi entitled with “The Development of Biology Coursebook for X Grader of High School on Animal Classification Topic By Using Scientific Approach”. This final task was one of the requirements for getting the degree of Sarjana Pendidikan in Bilingual Biology Education Study Program, Biology Department, Faculty of Mathematics and Natural Science, Medan State University.

Next, I would like to express my sincerest appreciation to my research advisor, Mr. Zulkifli Simatupang, M.Pd, for his guidance, support, and trust in me both in research and in personal life. I am fortunate to have such an enthusiastic and supportive person as a supervisor. I learned so much from his knowledge, personal life, and enthusiasm. Besides my advisor, I would like to thank the rest of my thesis committee, Mrs. Melva Silitonga, Dr., MS, Mr. Tri Harsono, Dr., M.Si, and Mr. Hudson Sidabutar, M.Si, Drs, for their encouragement and insightful comments. As well as, I would like to thank to my Academic Advisor, Mrs. Uswatun Hasanah, M.Si, Dra, for all support and guidance.

My sincere thanks also go to Dean of Mathematics and Natural Science Faculty, Mr. Asrin Lubis, Dr., M.Pd and all UNIMED FMIPA Faculty members, in particular, Biology Department Head Mr. Hasruddin, Dr., M.Pd, Biological Education Head, Mrs. Cicik Suryani, M.Si., Dra, and the Head of my lovely program Bilingual Study Program Mrs. Iis Siti Jahro Dr., M.Si for plenty of love, support, advice, and knowledge which she spread to me without no doubt.

My sincere thanks also go to Head of Biology Laboratory, Mrs. Meida Nugrahalian, M.Sc and several staff of Biology Laboratory for all support during my study especially my final semester in University Level.

I would like to give my deepest appreciation to my lovely parents Togar Sinaga and Alm. Hj. Faridah Simatupang who always support and love me in sort of way, my brother Tory Arna Sinaga, my sister Desi Chairani Sinaga and her husband Roni Fauzi for their endless love, greatest prayer, and support during all
school days, and my lovely nieces, Nabila, Khayla and Kheisa. Without the
support and love from my family, I would not be who I am today.

Not forgotten, my sincere thanks goes to the lovely lecturer who act like
friend in Bilingual Study Program, Mrs. Nora Susanti, M.Sc, Apt, for plenty of
loves, support, guidance, advices, and knowledge which really worthy for me to. I
am fortunate to have such unbelievably gorgeous, enthusiastic, friendly, humble
lecturer like her. Thanks for trusting me during my school day without no doubt at
all.

I thank to my best friends ever, Yessy and Anita for all support, and the
amazing spirit, support and everything that you gave to me guys. As well as, for
my fellow pplt-mates in Soposurung: Ugi, Axel, Lena Yovy, Ayu, Masni, Priska,
Pinta, and Ino for all support.

Also I would to thank to my friend and my senior who face the same
problem, 21st Team Anis and Kak Afatar. Thanks for the supporting spirit that you
gave to me, so I could face and solve all the problems that I face.

My biggest thanks to all my crazy, nasty, un-normal classmates in
Bilingual Biology Education 2013: Balqis, Bebet, Johan, Icha Zayn, Icha Nst,
Kristiani, Miyzan, Muthia, Mutun, Nadya, Sagita, Serma and Imelda for all sort of
craziness, happiness, sadness, love, and unforgettable moments we have had in
last four years. In addition, thanks for all your support, advices, guidance, and
help for me to finish my study.

Also i would to thank to my lovely sisters, Fadilah Nasution and Izzatul
Sialoho for all the support and help. Without you guys, i wouldn’t finish my
skripsi yet.

Last but not least, I would like to express my appreciation to all people
who involved in my study journey in university level. Thanks for all support that
given to me.

Author, Tommy Hans Sinaga

Medan, June 2017

Author,

Tommy Hans Sinaga

4133341065