ACKNOWLEDGEMENT

Alhamdulillah, praise and gratitude to Allah SWT for all the graces and blessings that provided health and wisdom so the writer can finish this thesis. This thesis submitted to fulfill the requirement for getting degree of sarjana pendidikan with the title is “The Implementation of Problem Based Learning Model Integrated With STAD (Student Team Achievement Division) to Improve Student’s Achievement and Teamwork on Solubility and Solubility Product Subject Matter in Senior High School Grade XI Academic Year 2015/2016”.

In this opportunity, a million thanks are delivered to Mrs. Dr. Iis Siti Jahro, M.Si as my thesis supervisor for her support, advice, guidance, suggestion and constructive comments from the beginning until the end of completing this thesis. Great thanks are also addressed to Mr. Prof. Dr. Ramlan Silaban, M.Si, Mr. Drs. Eddyanto, Ph.D, Mr. Drs. Jamalum Purba, M.Si as examiner lecturer who had given advices, suggestion, guidance and constructive comments for this thesis completeness. Thanks also goes to Mr. Dr. Marham Sitorus M.Si as my academic supervisor for his guidance during my academic process in this University. The writer also say thanks to Mrs. Prof. Dr. Retno Dwi Suyanti, M.Si as the instrument validator in this research. The special thanks for Dr. Asrin Lubis, M.Pd as a dean of FMIPA UNIMED, Mrs. Dr. Iis Siti Jahro, M.Si, as coordinator of Bilingual Program, Mr. Agus Kembaren, S.Si., M.Si as head of Chemistry Department, Mr. Syamsuddin and Mr. Ikbal as administrator of Bilingual Office for their advices and other necessary administrative business, and all lecturer and staff in chemistry department.

The writer also like to say thanks to Mr. H.Rusdi Ramli, SE as headmaster of SMA Panca Budi Medan, Mr. Akhyar, M.Pd as chemistry teacher for his help and guidance when do the research and also for the teacher, staff administration and students in SMA Panca Budi Medan who had given opportunity and helpful to the writer when do the research.
Foremost, special deepest gratitude and appreciation to my lovely father Husin Marsal Hasibuan, my lovely mother Erlina Wati Hasibuan S.Pd and my lovely brothers Achmad Riyadi, Harry Darmawan, Ashari, and Muhammad Ridwan for sincere love you shared to me, and every happiness and sadness that we have experienced. A billion thanks to my parents for their caring, love, support, prayer, motivation and guidance. Thanks also to my close friend Zul Fadli Daulay for your constant support through the ups and downs, you always motivated me and strengthened me when i am so weak.

Special thanks are given to my classmate in Bilingual Chemistry Education 2012 that had been created best stories and moments during the education process. Thank you for everything, every laugh, every smile, every sad, anger and every crazy jokes. Thank you so much for your help, guidance, advices, and reminding me if i do some mistakes, thanks for all that i can’t mention one by one. And thank you so much for my Students in SMA N 1 Berastagi for you support, thanks to my PPLT’s friend, thanks to my boarding house mate, Dinda, Bida, Isti, Era for these 3 years we lived together, big thanks also to my friends, Pebri and Cicak for spending time together and created so many happy stories, i hope we always be friend till the end.

The writer has done the maximal effort in completing this thesis, writer realized that this thesis is still not being perfect yet. Therefore, the writer hope the suggestions and constructive criticism from readers for the completeness of this thesis perfectly. At least, writer hope this thesis can be useful and give many function and knowledge to the reader in science education.

Medan, June 22nd 2016
Writer

Meliana Permata Sari
NIM. 412332011