

ACKNOWLEDMENT

All praise to the Almighty God, Allah SWT who has been giving us mercies and blessing so that i can finish this thesis well. Sholawat and salam may praise to our beloved prophet as the last messenger of Allah SWT, Muhammad SAW who has guided us from the darkness to the lightness.

The title of this thesis is “The Development of Inquiry Training Students’ Worksheet by Using Android on Acid Base Topic”. This thesis is one of the requirement for degree of Sarjana Pendidikan in Educational Department of Chemistry, Faculty of Mathematics and Natural Science, State University of Medan.

In this opportunity, i would like to express my greatest thanks to :

- My beloved parents (My father Samsul Bahri,S.P and my mother Nur Khoiriah Hasibuan) for their love, prayer, support, sacrifice and always ask for the progress of my thesis so they inspire me to finish my thesis well (i love you mom i love you dad). They are so special and the best parents ever, you are the best, role model and inspiration for me mom dad. My love is also dedicated to my beloved siblings (Brother Putra Tama Lubis, Young brother Mhd Rizky Lubis, Young brother Ahmad Yazid Lubis, Young brother Deny Riswandi Lubis and uri magnaе/youngest in family Mhd Ardiansyah Lubis) who always giving love, support, and money (hehehe). I hope we can be a better person in future guys so we can make our parents proud. I love you guys so much.
- Dr. Zainuddin Muchtar, M. Si as thesis supervisor who has spent his valuable time to giving guidance comments and advices during my thesis completion. Thank you so much sir.
- Prof. Dr. Retno Dwi Suyanti.M.Si., Dr. Ayi Darmana,M.Si and Nora Susanti,S.Si.,M.Sc.,Apt as thesis examiner and reviewer counselor for their advices, suggestion, guidance and constructive comments in the process of thesis completion.

- Dr. Iis Siti Jahro, M.Si as my Academic Supervisor who always guided me during lecture process. Thank you so much Ma'am
- Prof. Dr. Retno Dwi Suyanti, M.Si and Dr. techn Marini Damanik, S.Si, M.Si as the expert lecturer for validation of my media and material. Thank you ma'am for the nice suggestion.
- I would like to express gratitude to Dr. Martina Restuati, M, Si as the Dean of FMIPA Unimed, Dr. Iis Siti Jahro, M.Si and Nora Susanti, S.Si., M.Sc., Apt as the Coordinator and Secretary of Bilingual Program in FMIPA Unimed, Dr. Ayi Darmana, M.Si as Head of Chemistry Department and along with Mr, Mrs Staff and Lecturers in Educational Chemistry Department especially in Bilingual Study Program of FMIPA Unimed who have helped me.
- The author also said thanks to Sofyan, S.Pd as Headmaster of SMAN 14 Medan for giving permission to do research in SMAN 14 Medan. The author's gratitude also to all of students who have rendered their time as a sample of research.
- Special thanks to my partner in crime aka bestfriend forever aka duo cabe, sisi cute (Lusi Samosir) and Lala mutz (Ellya Fransisca) for always love, help and support me during my campus life. Thank you for receive my bad personality and unlimited time in our togetherness, laugh and experience. Fighting for get the rich husband, 15 million of salary a month and our vacation abroad. You guys know how much i love you right ? Saranghae
- Thanks to my bestie Lena (Nina Yusliana), really miss you so much lenn. You know that i love you so much right ? Eventhough our communication was so rare lately but its because we have our own bussiness that we have to do, but thats not mean i don't miss you len. Success for your medical school, i hope we can continue this friendship until jannah. I love you bestie
- Yosi Aulia as my partner in doing thesis and lately become my hangout friend wkwk who always remind me to finish my thesis. Thank you for your fighting spirit and kindness ocii, well i'm so sorry for always made you wait wkwk (its because you are too on-time beibb). I love you ocii

- Thanks to my sister from another mother Nisrina aka Anis Malakian for always giving advice and support me. Gomawo eonni for always be there. Saranghaee
- Thank to you my beloved bestfriend Amel-Chan (Amalia Sari Dalimunthe) who always accompany and stand by me. I hope that you can get everything you always wished for. Lets be bestfriend forever mell. I love youu
- Thanks to Habib (bestie who i was very comfort with) for always listening my very not important chit-chat and for always be my bestfriend (btw we're so close one/two years ago wkwk), i hope we can continue this friendship forever bib. See you on top bestie
- Thank to my very fussy oppa Jecky Bukit for being annoyed sometimes but so cute at the same times wkwk, hope that we can continue this friendship forever oppa, see you on top oppa
- Greatest thank you for all of my classmate CESP 15 (Somebody has been named above, Debby aka Lili, Deminar aka Dede, Dwi aka wiwik, Elisabet, Eli, Esi, Indri aka Riri, Tian oppa, Riska and Santun aka Sasa) the most cooperative, crazy and comfortable class ever. Thank you for all the time we've spent together.Lets continue this friendship forever guys. See you on top
- Thanks to my PPL partners in Berastagi (Citra, Rusyda and Yosi) for having a great time with me during our PPL moments. My gratitude also for berastagi team (Indah, Lolita, Hanum, Lavenia, Edith, Vina, Miranda, Yesika (my other half), Mika, Nadya, Firda, Sarah and There) , we were just a strangers then we become bestfriend. I wish we could stay in touch even after all this hectic day end. See you on top girls
- And thanks for all people, whose name didn't mentioned who always support me. I love you all

Medan, June 2019

Enny Fadilah Lubis

Reg Number.4153332009