

ACKNOWLEDGEMENT

First and foremost, the greatest thanks to the Almighty God for His grace and merciful in helping the writer to finish the thesis well.

This thesis “The Development Student Worksheet Using Android On Salt Hydrolysis” had been arranged as the requirement to get the Degree of Sarjana Pendidikan in Faculty of Mathematics and Natural Science in State University of Medan.

In this opportunity, i offer gratitude to my supervisor Dr. Zainuddin Muchtar, M.Si, who has supported me thought out my thesis with his patiently and knowledge during the finishing process of my thesis. My deepest gratitude is also to Prof. Drs. Manihar Situmorang, M.Sc., Ph.D, Dr.Simson Tarigan, M.Pd, Dr. Iis Siti Jahro, M.Si as my examiner, and also to Prof. Dr. Retno Dwi Suyanti, M.Si as my academic supervisor. Also my gratitude to Dr. Ajat Sudrajat, M.Si and Prof. Dr. Retno Dwi Suyanti, M.Si, as the validator of the development student worksheet using android on salt hydrolysis.

Then, i would like to thank to Dr. Martina Restuati , M.Si as the Dean of Faculty of Mathematics and Natural Sciences, to Dr. Iis Siti Jahro, M.Si as the Coordinator of Bilingual Program, to Agus Kembaren, S.Si, M.Si as the Head of Chemistry Department, to Drs. Ani Sutiani , M.Si as the Head of Chemistry Education Program, to Drs. Marudut Sinaga, M.Si as the Head of Chemistry Laboratory and all the staff of Chemistry Department. And also to all the staff of Bilingual Chemistry.

I would like to express my hear-felt gratitude from the deepest of my heart to my beloved parents, my greatest father A. Rajagukguk, and to my mother Maida Sijabat, to my only one brother Wisnu Artha Yanda Rajagukguk that always supported me all the time with their love. Most importantly, none of this would have been possible without the love, patience, concern, support, and strength of my family.

In my daily life in campus i have blessed with the presence of my best friends namely GG or Geng Girls ,Ria Atika Purba, Lisbeth Yohana Purba , Fitri Ritonga and our best versus Geng namely Ngeranai Geng, Maya Sidabutar, Desnapia Nesrani Br Karo, And Friska Siagian that give me wonderful moment that i have never forget. And to my best partner Gloria Sagita Sihombing that always with me doing this research.

I am also grateful to the CESP 2014 family, that always solid and friendly during study in this university. I greatly value our solidarity and friendship during this 8 semester.

I also would like to thank to all my friends during PPL in SMANSA Tebing Tinggi that always make me laugh and happy during 3 months in Tebing tinggi.

I have already done this thesis with my best, but still needed the suggestion from the reader in order to make it better. I hope this thesis can be useful and giving contribution to reader and especially in education.

Medan , 19 juli 2018,

Writer,

Saur Uli Dayanti R

THE
Character Building
UNIVERSITY