

ACKNOWLEDGEMENTS

I would like to praise and gratitude to Allah SWT for His bless bring this thesis into being. Than I would like to say peace be upon him for my beloved messenger Muhammad pbuh who always guide me with his sunnah.

This thesis “The Effectiveness of Web-based Learning Media in Improving Student’s Achievement on the Teaching of Salt Hydrolysis” was written to fulfill to get Sarjana Pendidikan Kimia (S.Pd) degree, Faculty of Mathematics and Natural Sciences, Universitas Negeri Medan.

In this opportunity, I am particularly pleased to acknowledge the outstanding contributions of Drs. Eddyanto, Ph.D as my thesis supervisor who gave many important supplements in making this thesis. Than I would like to thank to Prof. Dr. Albinus Silalahi, M.S, Dr. Simson Tarigan, M.Pd, and Drs. Rahmat Nauli, M.Si who have given many advices to me from the beginning until this thesis finished. My thanks also go to Dr. Retno Dwi Suyanti, M.Si as my academic supervisor who has guided me for almost four years in my study at the collage. I wish to thank to all lecturers and staffs of Bilingual/International Program and Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Negeri Medan. I also would like to thank to SMA Negeri 1 Padang Tualang and SMA Negeri 1 Tebing Tinggi, especially for head master Mr. Sungkowo, S.Pd and Mr. Mhd.Syarif, M.Si., M.Pd than chemistry teachers, Mrs. Saragih, S.Pd, Mrs. Y Silaban, S.Pd, and Mrs. Jenny Pasaribu, S.Pd.

A special thanks for my beloved father (Bapak) and beloved mother (Mamak) for all of your supports for me until i finished my study. Than my family as always, continues to be there for me—no matter what. This thesis is especially dedicated for Nadia Zafira my beloved niece. Many thanks must go to Ilmi Fadhilah Rizki, Shofiyah, Anggi Anggraini, Wika Prayogi, Yasir Arafat, Debby Suci Martalina, Melisa Sipayung, Rabiah Afifah, Indra Umar Pratama, Rayhan Jamilah, Lina Marwiyah, Cici Purnama Sari, Andre Anusta, Fenny Rizky Amelia and all my beloved classmates of bilingual chemistry education. Than i would like to thank to Sarianto, S.Pd, Agus Huri, Andi Pranata, Muhammad Arief Tirtana,

Aziz M. D. Nasution, Primsya, Rajo Hasyim Lubis, Firman, Khairuzzaman, Rudi Hartofo, Solikin, Indra Lasmana Tarigan, Rio Agus, and Fitra Syaifullah, and all members of UKMI Ar-Rahman especially from year 2010. Than all my beloved family from Forum Mahasiswa Muslim Langkat. The last but not the least, I would like to thank to all members of BKPRMI Padang Tualang and Remaja Masjid Al-Ikhlas Tanjung Selamat, especially to Susanto.

Finally, the author wishes that this thesis can be useful for education especially in the process of teaching and learning.

Medan, 1 August 2014

Author,

Rudi Purwanto

UNIVERSITAS MEDAN
UNIMED

THE
Character Building
UNIVERSITY