ACKNOWLEDGEMENT

First of all, the proponents would like to thank God for giving them the knowledge, opportunity and strength to push this through.

The proponents would like to give their deepest appreciation to their very supportive parents and friends who never fail to give support in everything the proponents do.

The proponents would just like to acknowledge their resource person, Ms. Lorrie Barboza for being a part of the research process.

They would also like to acknowledge Mr. Vergil V. Reyes for the guidance that he had given to the proponents. He is the one, who painstakingly helped the proponents, starting from looking for the CS problems, while undergoing the research study, until from the preparation of the documentation of the thesis.

Moreover, they would like to acknowledge the author of the previous study, Alexander Lao for sharing his time and ideas.

Also, the proponents would like to thank the panel members namely Perla P. Cosme, Chester Arvin R. Morales and Charmaine S. Ponay for spending their time reading and understanding the proponents' research study and for challenging the students to think of topics that will be a good contribution in the field of Computer Science.