

Base, Gina G., Bermil, Dennis A., Pachejo, Resty V., Ramirez, Grace Remogat, Rodellyn R., and Wenceslao, Rhonaida B., "**Emergency Response Data Bank System with SMS Support**". Unpublished Undergraduate Thesis. Bachelor of Science in Information Technology. Northern Iloilo State University, Estancia, Iloilo, October 2021.

## ABSTRACT

The developed project is the Emergency Response Data Bank System with SMS Support for Balasan Emergency Response Team (BERT) Balasan, Iloilo. This study aims to provide an information system that would serve as a tool for BERT monitor the total number of household and residents, and process request from residents of the municipality of Balasan, province of Iloilo in times of emergency. Since it is a web-based system, authorized personnel can easily access the resources using the internet. A Short Message Support System (SMS) would also be used as additional feature which play a vital role as a communicating tool to notify BERT members and residents in times of emergency. The study used the Rapid Application Development (RAD) Model as its SDLC. Developmental research was used for the development of the software while descriptive research was used determine whether the objectives of the study were achieved. There were respondents of the study. The findings showed that the result of the respondents' feedbacks as to the level of usability of the developed system in terms of operability and learnability was interpreted as very good. For the level of performance of the system in terms of time behavior and resource behavior was also Interpreted as very good.