

Title: FallMed's Apps: A Monitoring System using Fall Detection Sensor and Mobile Application with Call and SMS Notification

Authors: Ryan Prince C. Cartagena, Crescenciano O. Marimon Jr., Karol King D. Jabon

EXECUTIVE SUMMARY

Technology is a life that is the real deal. As we do this research the impact of this to no ordinary accidents of heart attack, stroke that cause of fall or physical injury the idea to the researchers is to make a technology that can be helpful to or to assist people with disability at home. An extensive effort was undertaken to monitor the user-patient in case of fall this case can be the cause of hardly injured and some death. Having this mobile application will be easier for every user-patient to monitor the daily dosage and the daily activity of the patient. Using the device, it can provide early warning of fall activity.

Keywords: Monitoring System, Threshold Algorithm, FallMed's, Fall Detection and Detection Sensor