Title: Implementing Network Infrastructure for Department of Education Region – XI Health Nutrition Monitoring System with E-Blast

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ABSTRACT

The software system is called Implementing Network Infrastructure for Department of Education Region – XI Health Nutrition Monitoring System with E-Blast as the final project for Capstone. This type of project is a system that has been developed and implemented for the management team of the Department of Education region XI. The gain for this project system is to monitor the health status of students in Davao Region and give awareness to the parents, school administrators and teachers. This system will be fully computerized and will also apply new technology such as E-blast, SMS and VPN. With the use of E-blast through the notification the parents, teachers and schools regarding the child's health nutrition status via text and email. The methodology applied in developing this system is agile methodology. The software used generic network infrastructure that connect all public elementary school around Davao city by the use of virtual private network tunneling protocol. The developed system will help all users especially the management in DepEd and schools to do their tasks

Keywords: Monitoring, Statistics, E-Blast, Nutrition, VPN, Network