

Title: Risk Reduction Management Portal for Task Force Poseidon with Instructional Simulation Drill Using Sprites Animation

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ABSTRACT

Climate change is proven fact that causes of natural disasters which result of losing lives anywhere in this world. No one can tell that there is a safe place. Because of this, the researchers came up with the study and propose a Web portal and simulation disaster drills animation with information dissemination, to catch the attention and aware students in University of every disaster may occur inside the campus. In addition, the students can view drills, rescuer information and every announcement given by administrator from school through online. By using web portal, all supportive information needed of students from other website regarding of disaster will be displayed from the system such as Pag-asa local weather forecast from DOST and University of Mindanao Weather Updates from Architecture Department using Telemetric System. The system also adopts the different colors of campus alert warning protocols from given announcement by administrator. To easily recognize the students of what should they response about the announcement such as red, blue color which it means of automatically suspension of class and yellow, orange, green color which indicates of the student must be prepare and be alerted of every disaster may happen. Moreover, the administrator can also send announcement with warning alert color from Facebook and Twitter Page using the System. This system deployed in the University of Mindanao.

Keywords: Task Force, Emergency Management, Disasters, Prepare, Information Dissemination