Title: WEBDMMS: A WEB APPLICATION GENERATING THE SEMANTICS OF TABLE FOR THE APS ACADEMIC MONITORING SYSTEM USING LINKED DATA

Author: Gien F. Monreal, John Anthony G. Gido, Rodgen H. Padel

EXECUTIVE SUMMARY

In our generation, people nowadays are very dependent on the technology. Therefore, the need for security and monitoring is developed. One of the examples is web application. Web application helps the company to make their work easier, gathering data, saving data online and other transactions that are tedious when it comes to manual operation. Once they have a web application, they want to make sure that no one can access their data and other information except to those who are authorized. The Academic Planning and Services require us to keep their data not vulnerable and in track, the researchers proposed a web application that can generate the semantics of table to the submitted and not submitted reports using linked data. The admin and APS personnel are the only users who are authorized to edit and save data submitted by the colleges of the University of Mindanao. The colleges/department is the third type of user, only two accounts per colleges/department is required to the system once they are registered to the system and accepted by the APS personnel, they will receive an SMS notification. The college/department only authorized to submit a report to APS, but they cannot edit the submitted report unless it is authorized by the APS Personnel. Google chrome is the recommended browser to access the web application and at least Windows 7 Operating System with 1 GB RAM.