

Title: Implementing a Cloud DBMS for a Student Information System of University of Mindanao

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ABSTRACT

Online viewing of grades and assessment is an Android application for the student of University of Mindanao to view their records through mobile phone. It also helps the parents specially those who are far from the school just to view the records of their students. Through this application the parents will know easily and be updated with status of their students.

This research employed the concepts of Google Cloud to store the database which is connected to the mobile application. The JSON API for the Accessing the cloud database in transferring data from Google Cloud Mysql to the Mobile Application. This study is conducted with the assistance of the ICT of University of Mindanao. They provide the data of the students who are those enrolled. The application was developed using Scrum agile methodology and has undergone rigorous testing activities such as platform testing and functionality testing as well as user acceptance testing. It was discovered that the tools employed in the study related to Google Cloud Mysql, SQL Workbench, and Eclipse worked together well to create this mobile application.

The app is available on researchers and soon on Google Play.

Keywords: Cloud User Management, Cloud Database, Auto scale management, Basic Cloud Services