

GoClap-GS: Google Cloud Application for Grading System in the K To 12 Curriculum

Reynante C. De Castro

<https://orcid.org/0000-0002-5154-867X>

reysi2020@gmail.com

Sariaya Institute, Inc. Sariaya, Quezon, Philippines
Batangas State University, Batangas City, Philippines

Abstract

The teachers are accountable for informing learners, as well as their parents and guardians, of their progress as per DepEd Order No. 8, s. 2015. Traditional education methods are already becoming obsolete and the internet is mostly involved. Cloud-based grading application enables teachers to track and measure learners' progress and adjust instruction accordingly. This system is intended to make accurate assessments, assessment reports, and obtaining complete progress and performance grading results easier. This study aimed to assess the Google Cloud computing system among the 101 faculty members of private schools in the 2nd District of Quezon. It specifically covered the assessment of the level of acceptability of the existing online grading system, risks, and constraints and provided risk and mitigation strategies in using the online grading system with the end view of proposing the GoClap-GS. The study utilized a descriptive research method using the questionnaire as its data gathering instrument and data was further enriched by focus group discussion. The data obtained were subjected to statistical analysis via weighted mean. The findings indicated that using a cloud-based grading system helps schools satisfy data protection requirements to keep students' and teachers' information safe. Users can easily browse the cloud's security mechanisms. It also provides unprecedented reliability; when devices fail, information is not always lost because it is stored on the cloud. The implementation of a cloud-based grading system encountered issues such as a lack of resources, poor internet connections, various DepEd standard forms, and the risk of data loss in the cloud. Thus, a training program for teachers must be implemented that is designed to assist them in utilizing the GoClap-GS. It offers a more accurate and efficient grading system comparable to other grading systems. Consider giving a strategy for acquiring resources to help teachers better perform their tasks and responsibilities.

Keywords: *Google Cloud Application, Grading System, Evaluation*