

ONLINE TEACHER'S EVALUATION SYSTEM FOR BALIBAGO ELEMENTARY SCHOOL WITH SMS NOTIFICATION

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Abstract: This study would be an incredible help to the personnel of Balibago Elementary School to dispose of those weights that they experienced on executing the assessment. The proposed framework once executed can follow the patterns of the educators' execution. The framework will assist instructors in reducing the time spent on doing the assessment yearly while ace educators and vital will get the most effortless approach to screen the appraisal without requiring the physical appearance. The defenders' motivation of having an SMS warning for this framework to advise educators, ace instructors, and vital that the central effectively recognized the assessment they made. This investigation causes them to have extended information about this sort of research and to enhance their aptitudes in making a development framework that they can use later on.

Keywords: Evaluation; System; Online; SMS Notification; Mobile Phone

INTRODUCTION

The typical method for doing educator's assessment is through the assistance of understudies to rate their instructor's execution, and the outcome will show how they are getting to be valuable inside the class. In this investigation, defenders would like to give an accommodating application to their customer "Balibago Elementary School" and will glance over to get positive reflection among their individual ace educator that will assist them with keeping inspired on their picked vocation.

The defenders experience a meeting with the educators, and foremost of the school and they out rightly said the majority of the worries and weights on actualizing the assessment. After at that point, the defenders united the primary issues that they been experienced in doing the evaluation yearly.

This study would be a great help to the faculty of Balibago Elementary School to eliminate those burdens that they encountered on implementing the evaluation. The proposed system once implemented can help to track the trends of the teachers' performance.

The Online Teacher's Evaluation System for Balibago Elementary school with SMS notification will help teachers to reduce the time spent on doing the evaluation yearly while master teachers and principal will get the easiest way to monitor the assessment without needing physical appearance. The proponents' purpose of having an SMS notification for this system to notify teachers, master teachers, and principal that the principal successfully acknowledged the evaluation they made.

Lastly, the proponents who proposed this project as their main requirements for their completion in school project at TRIMEX Colleges Inc. that help them to have expanded knowledge about this kind of research and to improve their skills in making an advance system that they can use in the future.

1.1 DESIGN OF THE STUDY

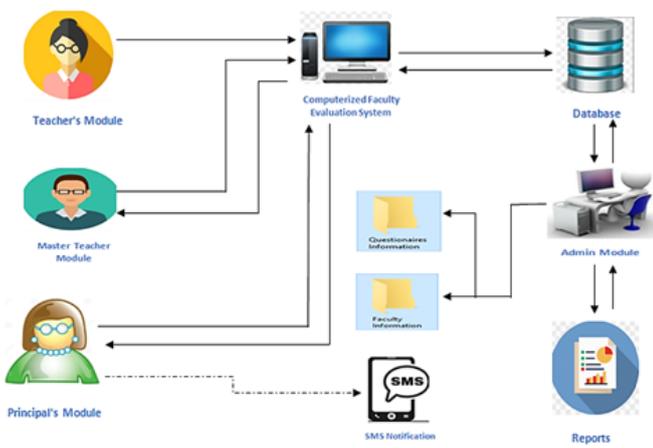


Figure 1 System Architecture

The distinctive segments of the Online Faculty Evaluation. There will enable diverse clients to like the overseer client, who regulate the client account and deal with the majority of the reports. The vital will utilize the head client; this module will be the approver of the assessment also.

new age models of educator assessment ordinarily receive a guidelines based perspective of showing quality and incorporate esteem included the proportion of development in understudy learning. With overtime of understanding and research, it is opportune to survey experimental proof bearing on the adequacy of this school enhancement system.

This paper inspects the new age of instructor assessment along three lines of investigation: proof on the greatness, consistency, and dependability of educator consequences for understudy learning, evidence on the effect of instructor assessment on development in understudy learning, and writing from the human science of associations on how schools work. Even though the pattern towards concentrating on instructor assessment is progressively apparent universally, the majority of the specific research assessed in this paper is from the USA.

This necessary assessment of the observational writing yields two essential ends. To start with, we infer that the arrangement rationale supporting this change remains significantly more grounded than the definite proof. Second, we propose that elective enhancement systems may yield more positive outcomes and at a lower cost as far as staff time and region reserves.

Faculty Evaluation System [2]

As indicated by the Author, Alok Kumar, Renu Jain a programmed framework to investigate the printed inputs of employees educating in any establishment is proposed. The proposed structure extricates all the vital viewpoints from the criticisms and after that estimation score of every perspective for every workforce is determined to utilize machine learning calculations. The proposed framework is adaptable and flexible than the current criticism assessment arrangement of instructors where understudies assess the educators on predefined perspectives chosen by the experienced and senior workforce and managers. Our framework, Faculty Evaluation System (FES) recognizes qualities and shortcomings of educators on each one of those viewpoints which are imperative to understudies. This data may likewise be utilized by higher experts of the establishment to shape suitable groups of employees for various academic and managerial exercises of the organization.

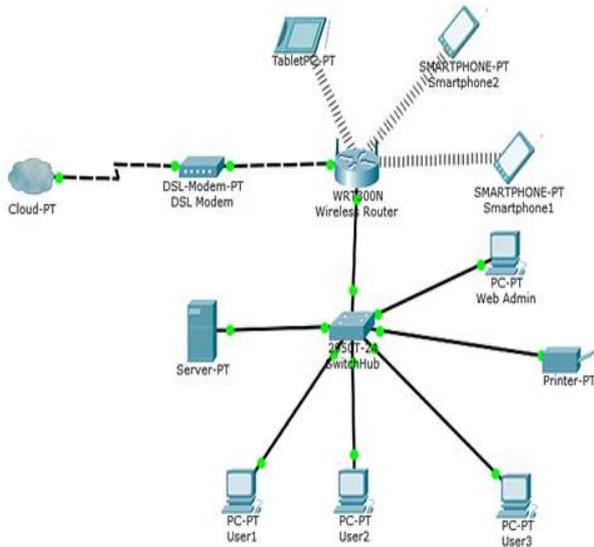


Figure 2 Network Design Infrastructures

The connectivity of each module there is only one server that caters all the system of the school for the evaluation system. This server will also cater the e-notify system which will be used to notify teachers once he/she done with the evaluation. Most of the teachers of Balibago Elementary School are using Google Chrome and Mozilla Firefox as their internet browser running in Windows 7, Windows XP and Windows 8. Most of the hardware components used is Dual Core System Units and I5 models

2. RELATED WORKS

Teacher evaluation and school improvement: Analysis of the evidence [1]

As per Philip Hallinger, Ronald H. Hell, Joseph Murphy, as of late, significant speculations have been made in reengineering frameworks of instructor assessment. The

Development of School Portal System with SMS NotificationFor Sultan Kudarat State University Kalamansig Campus [3]

As per Dionesio G. Tico, these days we are living in a quick paced reality where everything is done in a flash; from figuring of single information to complex computations that human personality can envision. The turn of the century can be set apart as a transformation of data. The change from manual to automated account and appropriation of records and data has prompted a critical increment in broad daylight information. Numerous establishments and associations advantage significantly from this data which should have been put away prepared and dispersed. A decent case of organization that requirements to deal with tremendous measure of data are the school colleges.

An online understudy entry is one of the fundamental parts of a school innovation develops close by the data unrest, the intensity of PC makes it simple to disperse and

see data required with only a couple of snaps. The (SKSU) School Portal System with SMS notice is electronic that will deal with all the news and occasions in college and tell the understudies and teachers or workforce staffs through SMS.

Alternate elements of the proposed framework are seeing the understudies segments and timetables understudies can see the subtle elements and calendar of exam, homework and exercises and timetables of their educators and genius acts points of interest Both sides can embed remarks to have further dialogs.

Master Teacher Module has to log-in and responsible for checking, editing the evaluation of the teachers' assessment.

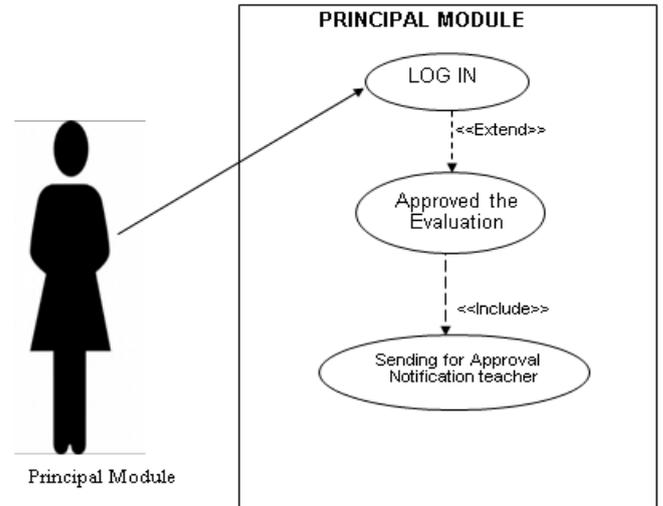


Figure 5 Principal Module

2.1 USE CASE DIAGRAM

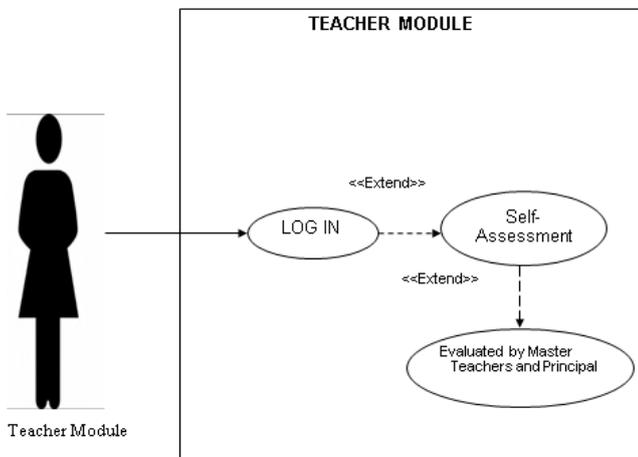


Figure 3 Teacher Module

The teacher is doing log-in to have access to and responsible for putting information for self-assessment and evaluated by Master Teachers and Principal.

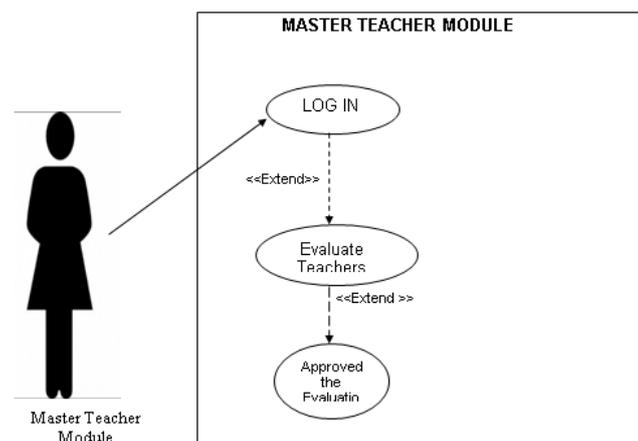


Figure 4 Master Teacher Module

Principal Module has to log-in and responsible for approving the evaluation and send the notification to the teachers once done.

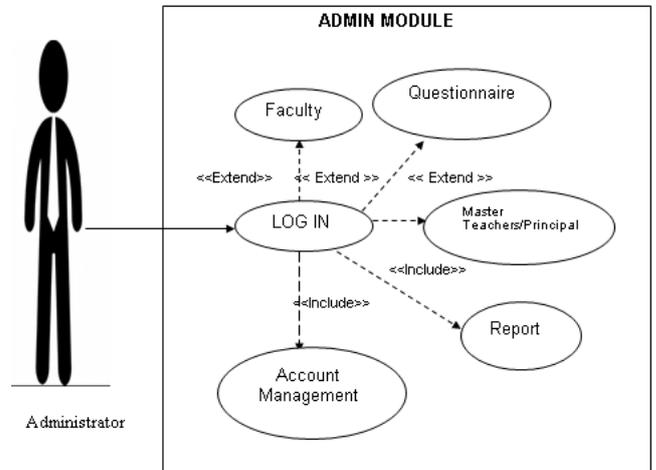


Figure 6 Admin Module

Admin can accept the following module login, manage faculty, distribute the questioners, manage the account, control reports and manage Master Teachers and principal account.

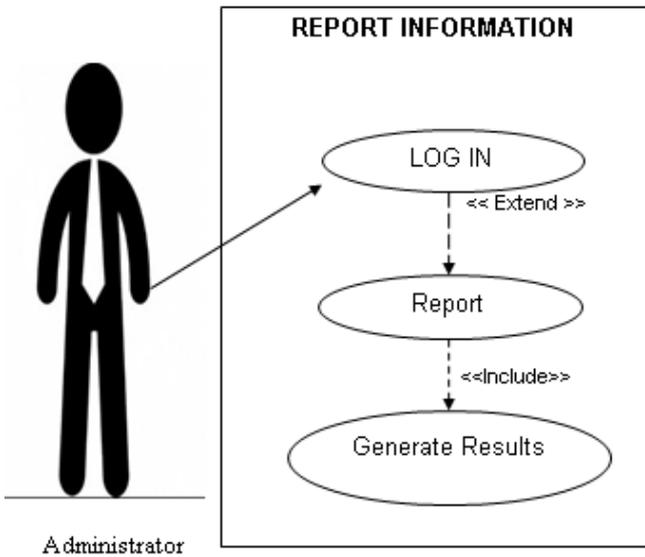


Figure 7 Report Information

Admin can operate the report information once log-in. The reports are also being managed and generate the results.

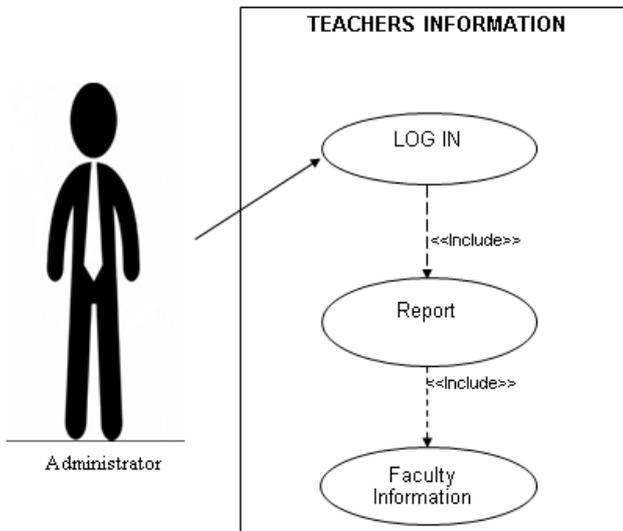


Figure 8 Faculty Information

Admin is keeping the faculty information once log-in and can manage report and faculty information

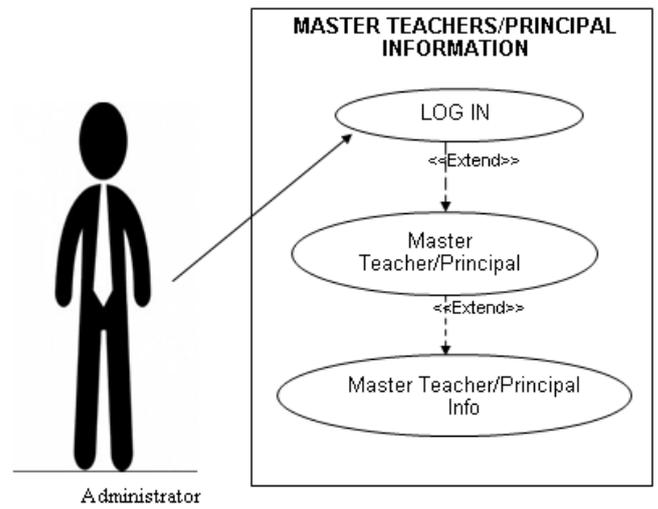


Figure 9 Master Teachers and Principal Information

Admin is keeping the Master Teachers and Principal Information once log-in.

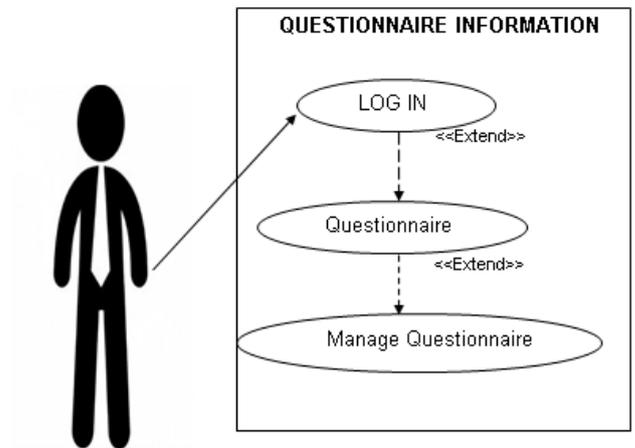


Figure 10 Questionnaire Information

Admin is responsible for distributing questioner information. After log-in questionnaire evaluation been showed and manage the information.

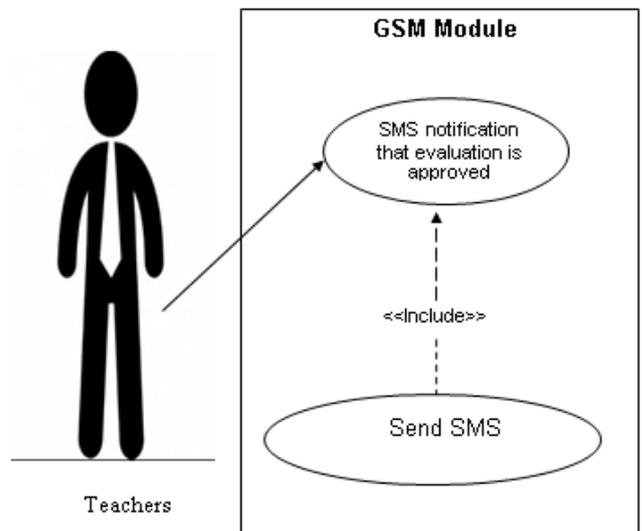


Figure 11 GSM Module

The GSM Module responsible for sending SMS and notification. This module helped when the evaluation is done and acknowledged by the principal. Therefore, when the assessment is done the teachers received notification that the results are available to be viewed in the system.

3. FLOWCHART

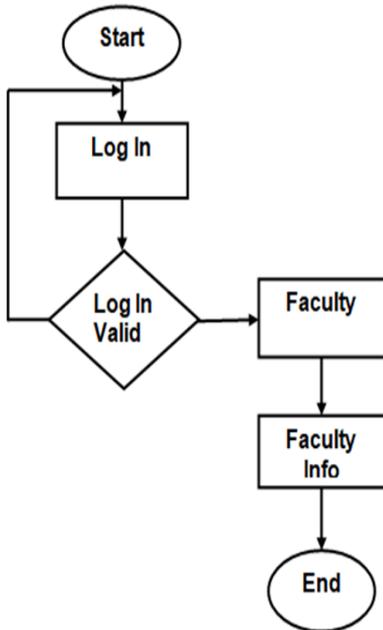


Figure 12 Faculty

The faculty information displays all the information of the faculty members/instructor and admin can have authority to access.

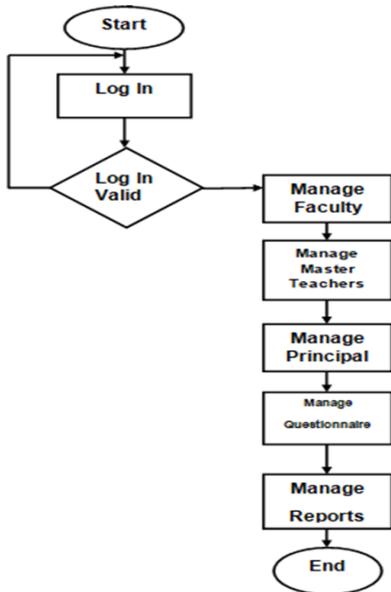


Figure 13 Admin

The Admin Page displays to manage faculty, master teachers, essential information and handle questionnaire and reports.

3.1 PROPOSED FLOWCHART

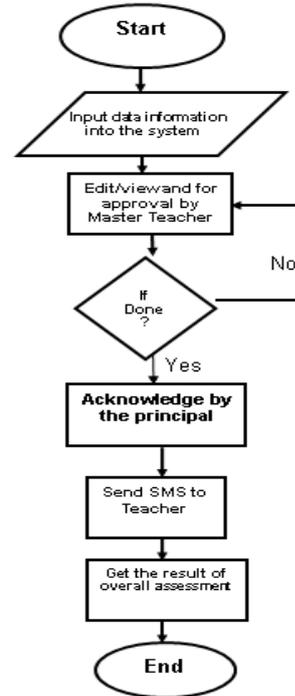


Figure 14 Flow of how the system

This Proposed flowchart represents the flow of how the system will evaluate teachers through online in Balibago Elementary School.

4. RESULTS AND DISCUSSION

Quarter	Date	A - (40%)	B - (30%)	C - (15%)	D - (15%)	Total - (100%)	Option
3rd Quarter	Fri, 07 Sep 2018	37.33%	28%	12%	12.22%	89.55%	View Print

Figure 15 Teachers evaluation result

Teachers Evaluation Result. This is the screenshot of the result of the teachers' evaluation, where the outcome of each criterion of the review shows of the current quarter.

MAJOR KEY RESULT AREAS (KRAs)	OBJECTIVES	TIMELINE	PER PERIOD	PERFORMANCE INDICATORS	ACTUAL RESULT	ACTUAL RESULTS	RATING SCORE
Provision of Quality Basic Education (40%)	1. Prepared daily lesson plans, TM, TG, LM, DLL appropriate, adequate and updated instructional material per learning area within the rating period.	June 2016 to March 2017	15%	1.1. Prepared 100 daily lesson plans, TM, TG, LM, DLL appropriate, adequate and updated instructional material per learning area within the rating period.	100% - Prepared 100 daily lesson plans, TM, TG, LM, DLL appropriate, adequate and updated instructional material per learning area within the rating period.	<input type="checkbox"/>	<input type="checkbox"/>
				1.2. Showed 100 accuracy, congruency, completeness in all parts without erroneous entries per learning area within the rating period.	90% - Showed 102 accuracy, congruency, completeness in all parts without erroneous entries per learning area within the rating period.	<input type="checkbox"/>	<input type="checkbox"/>
Facilitated learning in the subject through functional lesson plan, lesson guide and innovative teaching strategies	2. Facilitated learning in the subject through functional lesson plan, lesson guide and innovative teaching strategies		15%	2.1. Delivered 5 accurate and updated content knowledge using appropriate approaches and cooperative learning per learning area with in the rating period.	Delivered 5 accurate and updated content knowledge using appropriate approaches and cooperative learning per learning area with in the rating period.	<input type="checkbox"/>	<input type="checkbox"/>
				2.2. Established 5 developed functional lesson plan, lesson guide and innovative teaching strategies aligned with the competencies per learning area with in the rating period.	Established 5 developed functional lesson plan, lesson guide and innovative teaching strategies aligned with the competencies per learning area with in the rating period.	<input type="checkbox"/>	<input type="checkbox"/>
				2.3. Implemented 5 functional lesson plan, lesson guide and innovative teaching strategies per learning area within the rating period.	Implemented 5 functional lesson plan, lesson guide and innovative teaching strategies per learning area within the rating period.	<input type="checkbox"/>	<input type="checkbox"/>
				2.4. Implemented 5 functional lesson plan, lesson guide and innovative teaching strategies per learning area within the rating period.	Implemented 5 functional lesson plan, lesson guide and innovative teaching strategies per learning area within the rating period.	<input type="checkbox"/>	<input type="checkbox"/>

Figure 16 Teachers evaluation form

Teachers Evaluation Form. This is the screenshot of the result of the teachers' evaluation form, wherein the teacher will conduct the current evaluation.

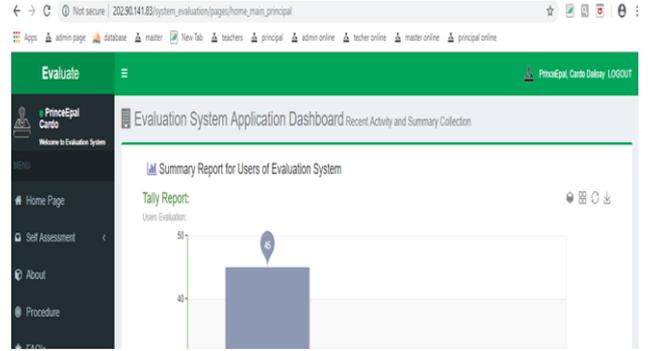


Figure 19 Principal module online

Principal module online. This is the screenshot of the principal module online. This showed that the principal could access the evaluation using the internet.

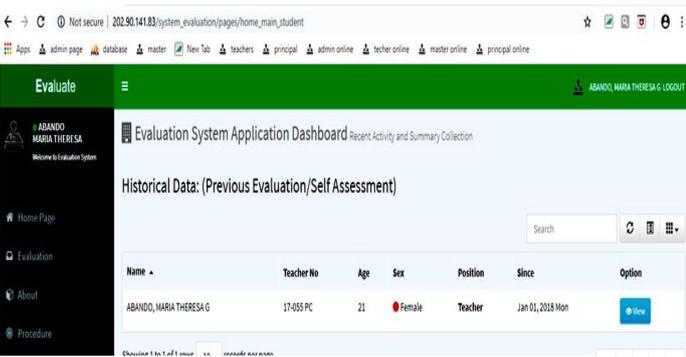


Figure 17 Teacher module online

Teacher module online. This is the screenshot of the teacher module online. On this module, the teacher can do the evaluation using the internet.

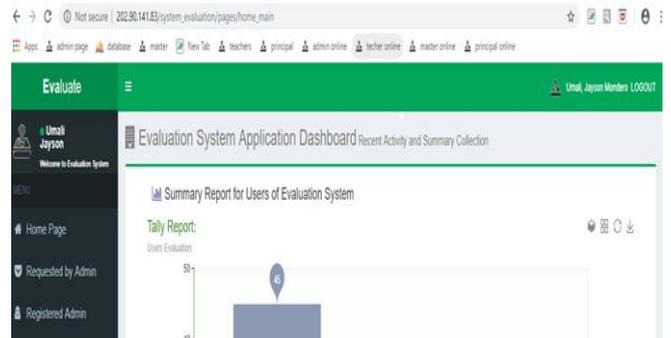


Figure 20 Administration module online

Administration module online. This is the screenshot of the Administration module online. This showed that the Administration could access the evaluation using the internet.

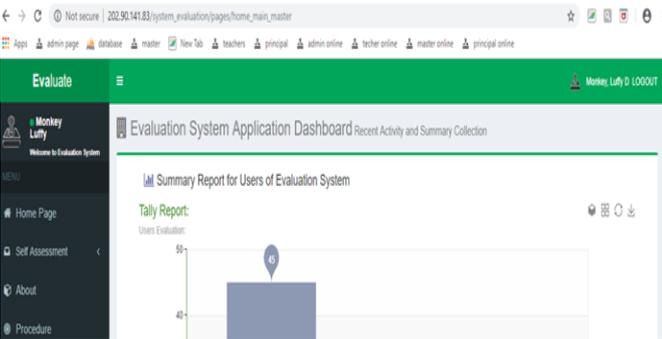


Figure 18 Master teacher module online

Master teacher module online. This is the screenshot of the master teacher module online. This showed that the master teacher can access the evaluation using the internet and can approve the evaluation of the teachers.

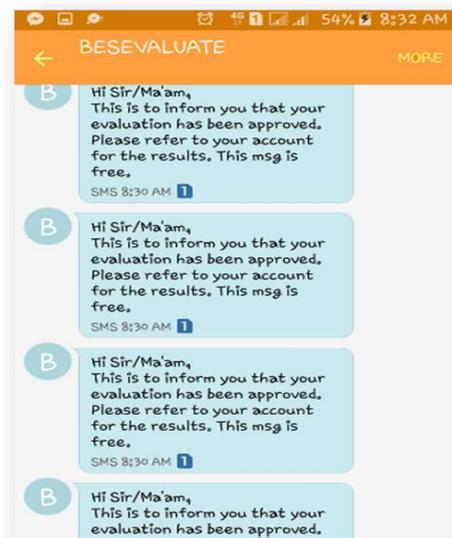


Figure 21 SMS notification

SMS notification. This is the screenshot of the SMS notification that was sent to the teacher after the principal successfully acknowledges the current evaluation.

5. SUMMARY

The advocates have delivered a well-disposed client framework that is material for the educators, ace instructors and primary of Balibago Elementary School. The Online educators' assessment framework with SMS warning gives a basic, compact instrument which may use to get to by and large execution quarterly and yearly. It additionally manages them to set objectives for development. The administrator part is entirely reasonable, and the interface is remarkably intended to guarantee the security and secrecy of the educator's execution while on the client side is well-created to include all the guide, systems and procedures through the assistance of this appraisal. The framework wipes out the whole weight that the staff of the said school experiences amid the assessment

5.1 CONCLUSIONS

Based on the aims of the study and the results of the evaluation are the following;

The proposed of teachers evaluation specifically aims:

1. The module attained to compute the evaluation results automatically.
2. The module attained to distribute the evaluation automatically.

3. The proponents attained to create a module that works online, inside and outside the school premises.
4. The module attained to notify teachers through SMS after the principal approved the evaluation.

5.2 RECOMMENDATIONS

The researchers of the study further recommend the following.

1. The system can also be implemented into Ma.Victoria Concepcion Mañebo different level of school such as high school, sr. High and college.
2. The teacher can be grouped and each group a will be handled by a specific master teacher for the approval.
3. Sending of the SMS notification to the master teacher and principal could be sent to them as a bulk message.
4. Each module can be merged into one hosting.

REFERENCES

- [1] Philip Hallinger, Ronald H. Heck, Joseph Murphy "Teacher evaluation and school improvement: Analysis of the evidence," Springer Science Business Media New York 2014 Received: 16 September 2013 / Accepted: 30 December 2013.
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