Research Paper

Field Partner Performance Assessment Information System Using the Ranking Method at the Statistical Centre of Bukittinggi City

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ABSTRACT

The Central Bureau of Statistics of Bukittinggi City currently has not conducted an assessment of the performance of its field partners. This research was conducted with the aim of designing and building a Field Partner Performance Assessment information system application using the Ranking Method at the Bukittinggi City Statistics Agency, because BPS itself does not yet have an assessment process carried out for these field partners. The criteria that will be assessed in assessing the performance of these field partners are in the form of Grammar, How to Communicate, Ability to provide Services, Politeness, Friendliness of Partners, How to Dress and Attitude. In writing this final project, the research method used is field research, namely interviews by asking questions through question and answer, and library research. In addition, to get good quality human resources, an assessment method is needed, one of these assessment methods is to use the ranking method or Ranking Method. The Ranking Method is a ranking of employees whose scores are highest to lowest. This method begins by observing and assessing the performance of employees, then ranking their performance. The results of this study are in the form of a Field Partner Performance Assessment information system application using the Ranking Method at the Bukittinggi City Statistics Agency which makes it easy for the Bukittinggi City Statistics Agency to assess the performance of field partners to be more effective, accurate and fast.

INTRODUCTION

The Central Bureau of Statistics (BPS) according to Law Number 16 of 1997 is a government agency that has the task of organising basic statistical activities. The results of these statistical activities are research. The Central Bureau of Statistics of Bukittinggi City is one of the extensions of the Central Bureau of Statistics in the region. The lack of human resources makes BPS Kota Bukittinggi required to recruit statistical partners in the implementation of statistical activities. Currently BPS Bukittinggi City has criteria that will be assessed in the form of Grammar, How to Communicate, Ability to Provide Services, Politeness Friendliness of Partners, How to Dress and Attitude. However, BPS itself does not yet have an assessment process that is carried out to field partners.

Employee performance *appraisal* or commonly called employee performance appraisal is a very important part of human resource management. Performance appraisals are often used as the basis for compensation, management job improvement, feedback, documentation, personnel decisions (e.g., promotion, transfer, dismissal, termination, training

needs analysis, employee development, research
and evaluation.

The absence of an assessment of field partners can cause problems such as the difficulty of knowing the quality-of-service performance of field partners at BPS Bukittinggi City, by choosing qualified partners is one of the determinants of the quality of data that will be produced. From the above problems, it is necessary to assess the performance of field partners in order to obtain good quality human resources, so an assessment method is needed, one of these assessment methods is to use the ranking method. Ranking Method is sorting employees who score the highest to the lowest. This method begins by observing and assessing the performance of employees, then ranking their performance. The research method carried out is field research, namely interviews by asking questions through question and answer, and lab research using the PHP programming language. It is expected that with the appraisal system. This field partner performance can help Partners in conducting assessments to be more effective, accurate and fast.

The purpose of this research is to design a Field Partner Performance Assessment Information System using the Ranking Method at the Bukittinggi City Statistics Agency through a web-based application and can implement this system at the Bukittinggi City Statistics Agency, so that the assessment will be able to take place anywhere and anytime as long as an internet connection is available.

MATERIALS & METHODS

The methodology used in the research is Field Studies and Literature Studies. The data obtained in this field research is to see the actual reality in the problem under study by means of interviews. Interviews were conducted to manage the assessment data that had been done previously. Interviews were conducted with the head of the office and the BPS office of Bukittinggi City related to the problem that became the object of observation or discussion. Furthermore, conducting literature studies by collecting data by studying various literature, books, similar research results and other media that have a relationship with the problems and themes of the research.

RESULT

A. Partner Performance Assessment Analysis

The assessment was conducted by the survey target who was met in the field by BPS partners, the assessment was conducted privately without coercion and was confidential, where partners did not know the score given by the survey target to partners. The assessment criteria themselves were based on the results of the writing interview with BPS. From the results of the interview, there are 7 (seven) points that will be the basis of the survey target's assessment of BPS partners, as follows:

Table 1
Assessment Criteria

No.	Criteria	Score taken
1	Grammar	10%
2	How to Communicate	25%
3	Ability to provide services	10%
4	Politeness	15%
5	Partner Friendliness	10%
6	How to dress	10%
7	Attitude	20%

Source: https://bukittinggikota.bps.go.id/

The percentage assessment is based on the results of the author's interviews in the field with BPS. For score calculation, based on the lowest number of surveys by taking a random sample of the target survey that has been carried out. In the implementation of the assessment application in the form of 1 - 5 stars, where each half star ( ) contains 10 scores, as shown in the following table:
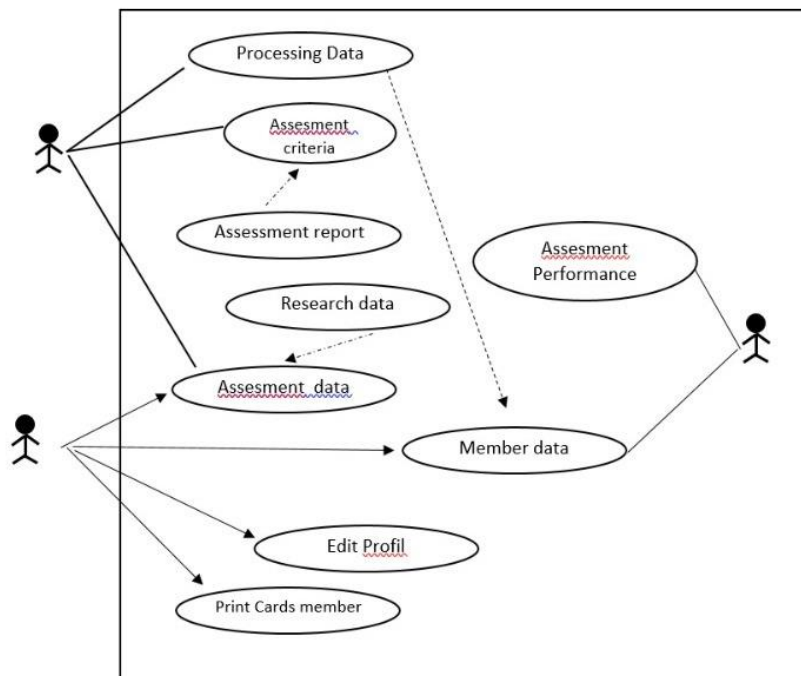
Tabel 2 Star Score Table

Bintang	Score
⯪	10
★	20
★⯪	30
★ ★	40
★ ★⯪	50
★ ★ ★	60
★ ★ ★⯪	70
★ ★ ★ ★	80
★ ★ ★ ★⯪	90
★ ★ ★ ★ ★	100

B. System Design
1. Usecase Diagram

Use Case Diagram shows the interaction between actors and the system. The Use Case Diagram of the designed system can be described as in the following figure below:

2. Class Diagram

Class diagram is a specification that if in The Central Bureau of Statistics of Bukittinggi City will produce an object and is the core of object-oriented development and design can be described as in the figure below.
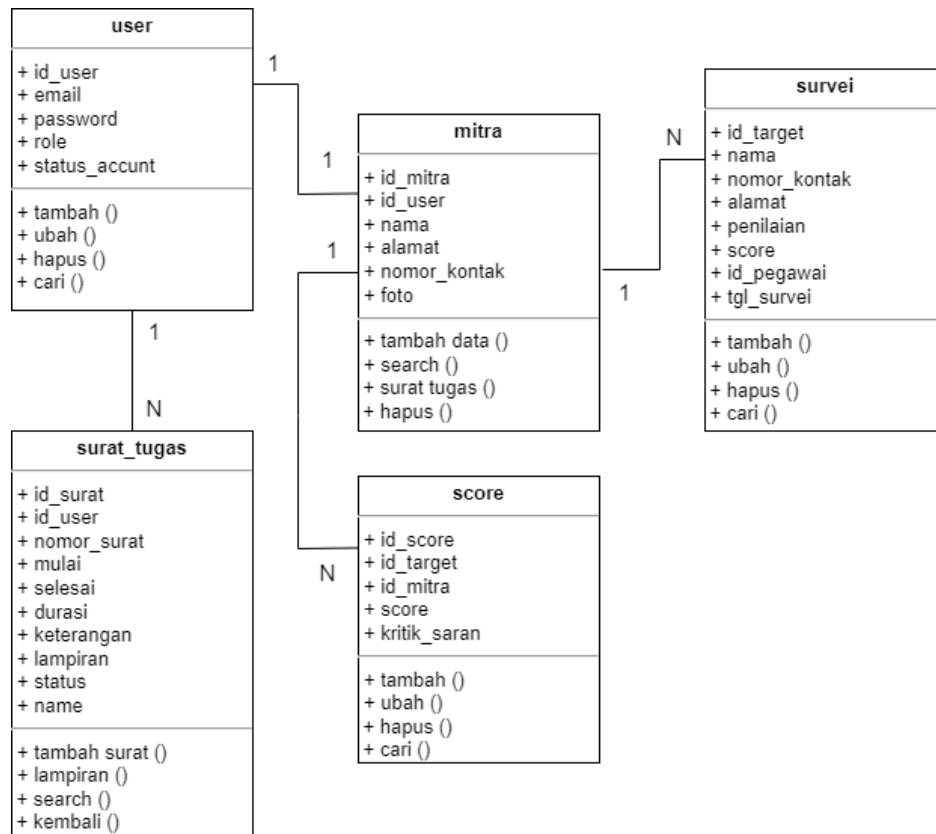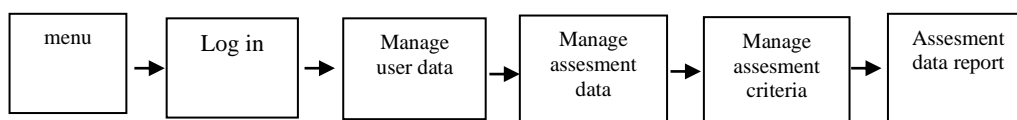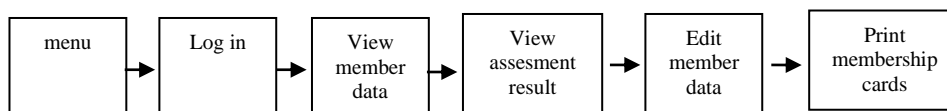
3. Programme Structure

The programme structure design is a design that describes a programme module's relationship with other programme modules.

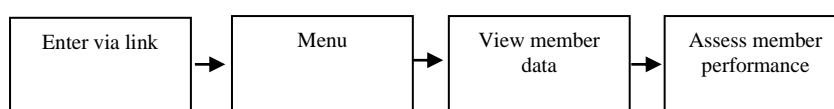The design of the programme structure proposed by the author can be seen in the following figure:

a. Admin Programe Structure

b. Member Programe Structure

c. Appraisal Programme Structure

DISCUSSION

The development of a new system makes it easier for the parties involved in using the Field Partner Performance Assessment Information System, making it easier for officers to process data and services that are ready to be used for various purposes and help the Bukittinggi City Statistics Agency in conducting assessments to field partners at the Bukittinggi City Statistics Agency.

CONCLUSION

In implementing a computerised system, it should be supported by adequate equipment, both in terms of people (Brainware) and in terms of equipment (Software and Hardware). In this new system design, it is expected to re-evaluate the data related to this new system. And if deficiencies are found, this newly designed system can be improved again to make it more perfect.

Declaration by Authors

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