REPORT

SATISFACTION OF FINANCIAL MANAGEMENT AND INFRASTRUCTURE

(Lecturer Respondent)



UNIVERSITAS NEGERI SURABAYA

QUALITY ASSURANCE UNIT

DATA AND INFORMATION SYSTEM CENTER

2020

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Halaman Pengesahan

Menyatakan bahwa Laporan Kepuasan Dosen terhadap Pengelolaan Keuangan dan Sarana Prasarana Universitas Negeri Surabaya dibuat dengan sebenarnya

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CHAPTER I

INTRODUCTION

1.1. Background

The Center for Data Management and Information Systems is one of the centers in the Quality Assurance Sector in charge of assisting the implementation of quality assurance with the PPEPP model (Quality Planning, Quality Implementation, Quality Evaluation, Quality Control, Quality Improvement). One of the tasks of this center is to conduct a Customer Service Satisfaction Survey which is currently a need and demand for Study Program Accreditation and Higher Education Accreditation.

Some of the surveys carried out are satisfaction surveys on all activities carried out by BPM so that the quality of the implementation of activities is evaluated periodically. This survey was conducted online and was carried out after the activity ended. The results of this survey will be followed up with an evaluation meeting, the results of which will be used to improve services for further activities.

Along with the increasing need to improve the quality of service at Unesa, it is necessary to have a satisfaction survey for students, lecturers, and staff. It is necessary to know what variables must be improved and maintained in quality. Filling out the questionnaire consists of filling in the expectations and realities of the perceived service in 2020.

1.2. Problem

a. How are the results of the comparison between expectations and the reality of satisfaction with Unesa financial management services and infrastructure based on the 2020 Unesa lecturer survey.
b. How is the comparative analysis between expectations and the reality of satisfaction with Unesa's financial management services and infrastructure (Survey of Unesa lecturers in 2020) based on the Cartesian diagram.

1.3. Objective

Analyse the quality of satisfaction of Unesa's financial management services and infrastructure (Unesa lecturer survey in 2020) based on the results of Cartesian diagram analysis.

1.4. Systematics of Report

The systematics in this report is the introduction which consists of the background, problems, objectives, and systematics of the report. Chapter II contains survey methods consisting of survey types and designs, variables, operational definitions, survey instruments, methods used, and data processing. Chapter III contains the results and discussion, and Chapter IV contains conclusions.

CHAPTER II

SURVEY METHOD

2.1. Types and Design of Survey Implementation

This type of survey design uses non-experimental quantitative research. Non-experimental research is research whose observations are carried out with a number of subject variables according to what they are (in nature), without manipulation (Pratiknya, 2001).

This study uses a cross sectional design which is used to study the relationship between the independent variable and the dependent variable by taking measurements at the same time (point time approach). The same time means that each subject is only observed once and the subject variable is observed at the time of observation. The method used in data collection is a questionnaire.

2.2. Operational definition

Some operational definitions are as follows:

a. Consumers are all lecturers who use financial management services and Unesa infrastructure in 2020.
b. Consumer expectations are lecturers who receive financial management services and Unesa infrastructure in 2020.
c. Consumer satisfaction is the consumer's acknowledgment of Unesa's financial management services and infrastructure in 2020.
d. The quality of service that will be examined is the expectations and reality of consumers on reliability, responsiveness, assurance (guarantee, empathy), and tangible.

2.3. Survey Instrument

The instrument used is a questionnaire. Questionnaires are used to collect data by providing written questions about consumer expectations and realities to be answered. The questionnaire instrument consists of 5 main aspects, namely reliability, responsiveness, assurance (guarantee, empathy), and tangible (tangibility).

2.4. Survey Method

The method used is the Service Quality Servqual Method (Parasuraman, et al, 1985), the dimensions of the service quality characteristics are:

1. Tangibles (Real) That includes physical appearance, equipment, employees, and means of communication.
2. Reliability, namely the ability to provide the promised service immediately, accurately, and satisfactorily.

3. Responsiveness, that is the desire of the staff to form customers and provide responsive service.
4. Assurance, ncludes the knowledge, ability, courtesy, and trustworthiness of the staff free from danger, risk or doubt.
5. Empathy, includes ease in making relationships, good communication, personal attention, and understanding customer needs.

If possible, the next step is to use the Importance Performance Analysis method which was first introduced by Martilia and James (1977) with the aim of measuring the relationship between consumer/customer perceptions and priorities for improving product/service quality, also known as Quadrant Analysis.

2.5. Data processing

- **Gab Analysis**

The level of customer satisfaction is explained by using gap analysis. This analysis compares the mean between expectations and the reality received by consumers from the service dimensions, namely reliability (reliability), responsiveness (responsiveness), assurance (guarantee, empathy), and tangible (tangible).

The highest satisfaction occurs when the reality exceeds expectations, namely when the service provided is maximum (4) while the minimum expectation is (1). The interval is obtained using the formula:

Interval= (Highest score – Lowest score)/Number of groups

From the above calculation, the gap classification is obtained in Table 2.1.

Table 2.1. Gap Classification

Interval	Classsification	Satisfication Level
-3 s.d. -1,5	Very negative	Very dissatisfied with expectations
-1,5 s.d. 0	Negative	Less satisfied than expectations
0 s.d. 1,5	Positive	More satisfied than expected
1,5 s.d. 3	Very positive	Very more satisfied than expectations

- **Data normality test**

  The normality test of the data was carried out by statistical analysis. This test is carried out by entering the average reality and expectations of each statement contained in the questionnaire. This test is conducted to determine whether the data used is normally distributed or not so that the next statistical test can be determined.

  The test used to determine whether the data is normally distributed or not is by using Kolmogorov-Smirnov for large samples (more than 50 respondents) or Shapiro-Wilk for small samples (less than 50 respondents). If the significance value is > 0.05 then the data is normally distributed (parametric data) and can be analyzed by paired t-test. If the significance value is <0.05, then the data is not normally distributed (non-parametric data) and can be analyzed using the Wilcoxon test.

- **Wilcoxon Test**

  This test is conducted to determine whether there is a significant difference or not from the reality and expectations studied so that it can be determined whether Ho is rejected or accepted. If the results obtained are significant differences then Ho is rejected but if the differences are not significant then Ho is accepted. The paired t-test was carried out if the two data being compared were normally distributed or the Wilcoxon test if at least one of the comparisons was not normally distributed, it could be from reality and expectations.

- **Cartesian diagram**

  The Cartesian diagram describes the level of statements into four parts where with this diagram can be determined several factors that affect customer satisfaction which can then be prioritized for the company to be further improved.
  lebih lanjut.

CHAPTER III

RESULTS AND DISCUSSION

3.1.Data Normality Test

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Harapan	.476	873	.000	.530	873	.000
Kenyataan	.312	873	.000	.785	873	.000

a. Lilliefors Significance Correction

Figure 3.1. Data normality test results

Based on the results of the normality test using SPSS for windows 25, the results obtained a significance value of 0.000 <0.05 so that the data is declared not normally distributed.

3.2. Wilcoxon test

Test Statistics[a]

	Kenyataan - Harapan
Z	-20.483[b]
Asymp. Sig. (2-tailed)	.000

a. Wilcoxon Signed Ranks Test

b. Based on positive ranks.

Figure 3.2. Wilcoxon test results

Based on the results of the Wilcoxon test using SPSS for Windows 25, the Asymp results were obtained. Sig. (2-tailed) of 0.000 <0.05 so it can be stated that there is a significant difference between the expectations and the reality of lecturers on financial management and Unesa infrastructure.

3.3.Result of Calculation of Reality and Expectations

The results of the calculation of Reality, Expectations, Gap Analysis, and Quality of financial management services and infrastructure at Unesa in 2020 are described in Table 3.1.

Table 3.1. The results of the calculation of Reality, Expectations, Gap Analysis, and Quality of financial management services and infrastructure at Unesa in 2020

Dimension	No	Statements	Realization	Expectation	GAP	Satisfaction Index (%)
Reliability	P1	Ease of accessing the internet and speed of access on campus	3,02	3,78	-0,77	79,72925
	P2	Ease of use and fulfillment of needs in the Unesa Information System (SSO)	3,25	3,79	-0,54	85,81585
	Mean Re	Mean	3,13	3,79	-0,65	82,77255
Responsiveness	P13	Readiness in processing promotions	3,05	3,77	-0,72	80,85868
	P14	Accuracy in providing remuneration incentives in accordance with performance	3,12	3,76	-0,65	82,81418
	Mean Res	Mean	3,08	3,77	-0,68	81,84
Assurance	P9	Transparent in all types of salary deductions and remuneration	3,16	3,77	-0,61	83,89406
	P10	Accuracy of salary disbursement, lecturer certification and 30% remuneration every month	3,41	3,80	-0,38	89,95028
	P11	Clarity of established financial-related guidelines and regulations	3,06	3,76	-0,70	81,36869
	Mean As	Mean	3,21	3,77	-0,56	85,07
Empathy	P12	Involvement of lecturers and staff in the preparation of the Budget Business Plan	2,84	3,72	-0,88	76,35771
	Mean Em	Mean	2,84	3,72	-0,88	76,36
Tangible	P3	Adequate classroom	2,94	3,78	-0,83	77,95219
	P4	Learning media facilities (LCD, LCD screen, Sound system) in class	2,80	3,74	-0,94	74,99099
	P5	Completeness of facilities and infrastructure in the practice room / laboratory / workshop / etc	2,79	3,74	-0,95	74,50486
	P6	Completeness of reference for textbooks/module books/subscribed journals in the reading room/library	2,94	3,76	-0,81	78,33572
	P7	Completeness of polyclinic facilities and infrastructure	2,94	3,73	-0,79	78,81417
	P8	Completeness of parking facilities and infrastructure	3,02	3,73	-0,72	80,83032
	Mean T an	Mean	2,91	3,75	-0,84	77,57
	Mean	The mean of the five dimensions	3,04	3,76	-0,72	80,72

3.4.Comparison Results Between Expectations and Reality

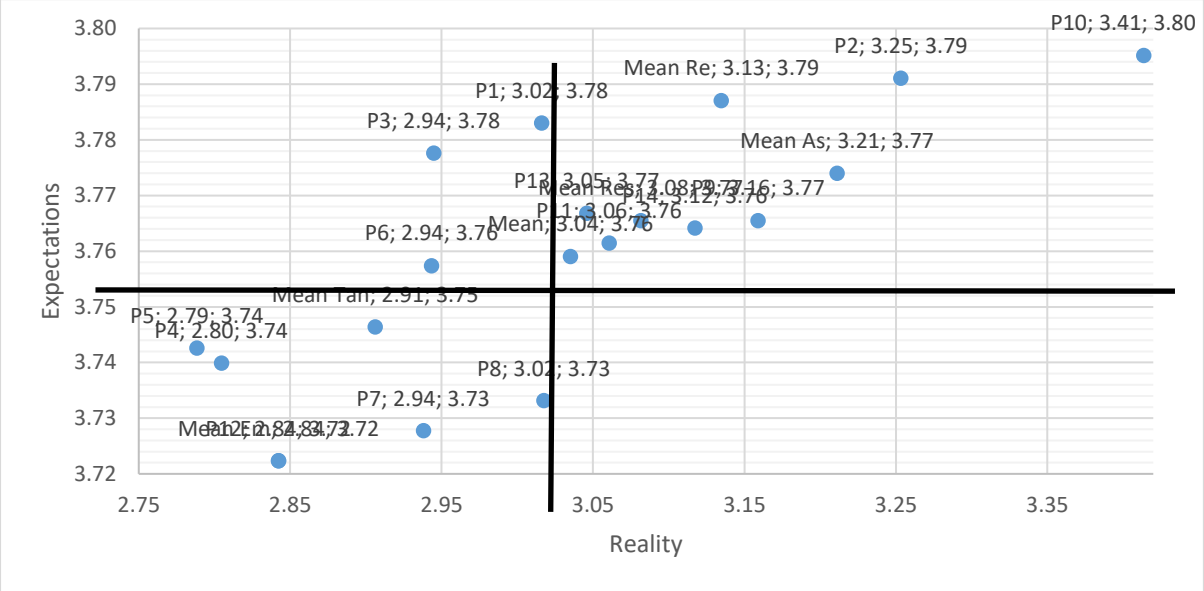

Figure 3.3. Cartesian Diagram of the Satisfaction Survey of Unesa's financial management services and infrastructure in 2020

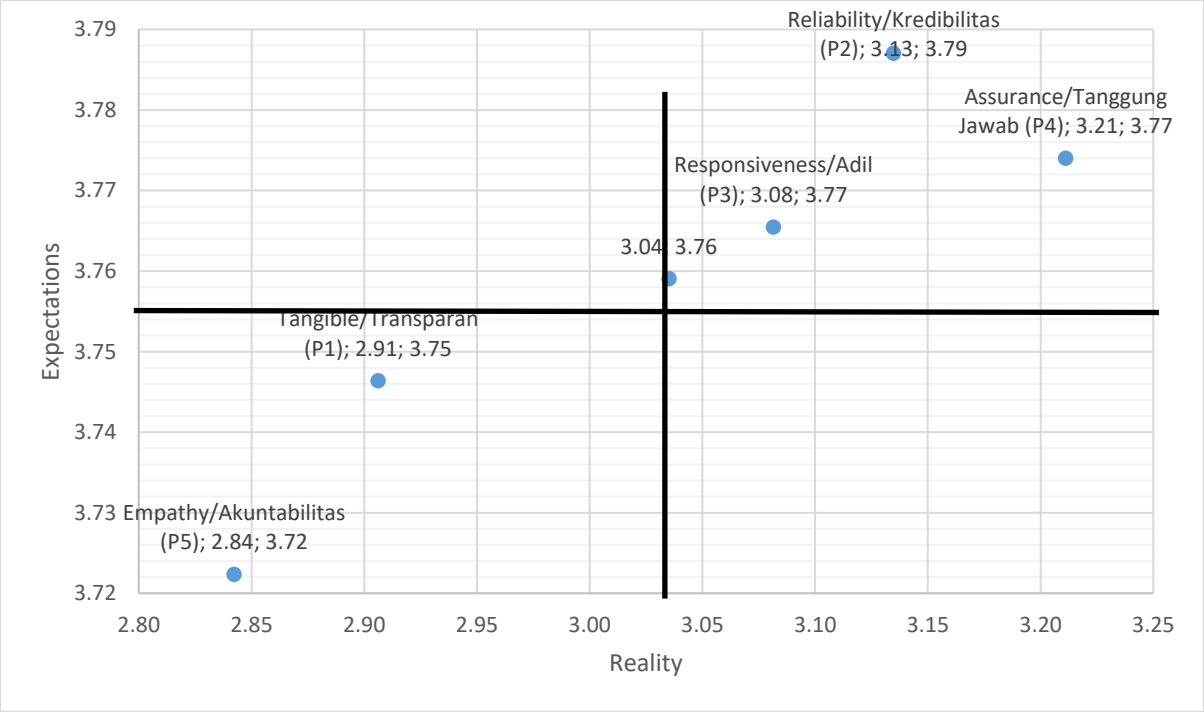

Figure 3.4. Cartesian Diagram of the Satisfaction Survey of Unesa's financial management services and infrastructure in 2020



Figure 3.4. Cartesian Diagram (Supranto, 2001)

Information:

Quadrant I (Top Priority)

This quadrant shows the factors that are considered to affect customer satisfaction and include service elements that are considered very important for consumers. However, service providers have not implemented it in accordance with the wishes of consumers, causing disappointment/dissatisfaction. Variables in this quadrant need to be taken seriously.

Quadrant II (Maintain Achievement)

This quadrant shows the factors that are considered important by consumers have been implemented properly and can satisfy consumers, so the obligation of service providers must maintain their performance.

Quadrant III (Low priority)

This quadrant shows the factors that are considered less important by consumers and the implementation by service providers is mediocre. Variables included in this quadrant do not need to be questioned even though they do not satisfy consumers because consumers do not consider them very important

Quadrant IV (Excessive)

This quadrant shows the factors that are considered less important by consumers but have been carried out very well by service providers.

Analysis of each dimension

1. Reliability

Based on the results of the analysis of the reliability dimension, it is in quadrant II. This shows that the dimensions of reliability which are considered important by consumers have been implemented properly and can satisfy consumers, so it is the obligation of service providers to maintain their performance.

2. Tangible

The tangible dimension is in quadrant III. This shows that this dimension is considered less important by consumers and implementation by service providers is mediocre. Unesa must maintain and improve the quality of this service in supporting the implementation of the Tridarma of Higher Education.

3. Assurance

The assurance dimension is in quadrant II. This shows that this dimension is considered important by consumers and has been implemented properly and can satisfy consumers, so Unesa must maintain service quality in supporting the implementation of the Tridarma of Higher Education.

4. Responsiveness

The responsiveness dimension is in quadrant II. This shows that this dimension is considered important by consumers and has been implemented properly and can satisfy consumers, so Unesa must maintain service quality in supporting the implementation of the Tridarma of Higher Education.

5. Empathy

Empathy is in quadrant III, this shows that the implementation by service providers is mediocre. Unesa must maintain and improve the quality of this service in supporting the implementation of the Tridarma of Higher Education.

CHAPTER IV

CONCLUSIONS

Based on the results of the analysis, it can be concluded that Unesa's financial management services and infrastructure from the lecturer's perspective are as follows:

- The dimensions of reliability, assurance, and responsiveness to support the activities of the Tridharma of Higher Education are dimensions that are considered important by consumers and have been implemented properly and can satisfy consumers, so Unesa must maintain the quality of service of the leaders and or responsible persons authorized to support the implementation of the Tridharma of Higher Education.
- Empathy and tangible dimensions show that the implementation by service providers is mediocre. Unesa must maintain and improve the quality of this service in supporting the implementation of the Tridarma of Higher Education.

Appendix

Satisfaction Instruments for Financial Management Services and Infrastructure (Criterion 5)

INSTRUCTION

Please fill in by putting a tick (√) on the "Expectation" and "Reality" in the field in real terms.

No	Statement	Expectation				Reality			
		Very Good	Good	Adequate	Deficient	Very Good	Good	Adequate	Deficient
1	Ease of accessing the internet and speed of access on campus (R*eliability*)								
2	Ease of use and fulfillment of needs in the Unesa Information System (SSO) (R*eliability*)								
3	Adequate classroom (*Tangibles*)								
4	Learning media facilities (LCD, LCD screen, Sound system) in class (*Tangibles*)								
5	Completeness of facilities and infrastructure in the practice room / laboratory / workshop / etc (*Tangibles*)								
6	Completeness of reference for textbooks/module books/subscribed journals in the reading room/library (*Tangibles*)								
7	Completeness of polyclinic facilities and infrastructure (*Tangibles*)								
8	Completeness of parking facilities and infrastructure (*Tangibles*)								
9	Transparent in all types of salary deductions and remuneration (*Assurance*)								

No	Statement	Expectation				Reality			
		Very Good	Good	Adequate	Deficient	Very Good	Good	Adequate	Deficient
10	Accuracy of salary disbursement, lecturer certification and 30% remuneration every month (*Assurance*)								
11	Clarity of established financial-related guidelines and regulations (*Assurance*)								
12	Involvement of lecturers and staff in the preparation of the Budget Business Plan (*Emphaty*)								
13	Readiness in processing promotions (*Responsiveness*)								
14	Accuracy in providing remuneration incentives in accordance with performance (*Responsiveness*)								