



The Influence of Service Quality and Corporate Image on Student Loyalty: A Case Study in A School of Business and Management in Jakarta

Sukirno¹
Baby Poernomo^{2*}

^{1,2}STIAM – Institute of Social Sciences
and Management Jakarta-Indonesia
Email: baby-poernomo1966@gmail.com

Licensed:

This work is licensed under a Creative
Commons Attribution 4.0 License.

Keywords:

Service quality
Corporate image
Student loyalty.

Abstract

This study was conducted to determine the Service Quality, Corporate Image and Student Loyalty in postgraduate of a Business School and Management as well as the influence of Service Quality and Corporate Image simultaneously and partially on Student Loyalty in a Business School and Management. This study uses the quantitative method approach to see how big the effect of independent variables to the dependent variable. Sampling studies as many as 54 respondents using Sanvord Labovitz formula of the study population as many as 535 students of regular classes. Each respondent was given a total of 42 closed ended questions with five alternative answers using a Likert scale. The results showed that there is a positive and significant effect of Service Quality and Corporate Image partially or simultaneously to the Students Loyalty. Findings of this research help improve the quality of service of the institution not only about the infrastructure but also quality of the lecturers, the computer laboratory, the library, the service training to the existing administrative personnel, especially for employees who are in direct contact with the students, and the curriculum which should follow the development of science and the willingness of the labor market.

Funding: This study received no specific financial support.

Competing Interests: The authors declare that they have no competing interests.

1. Introduction

Universities as educational institutions have a big role in the development of human resources (HR) and increase community competitiveness. Education has become a basic need of society. Colleges must have qualified human resources so that the strategic role can be implemented.

Increased competition is sharply forcing organizations or companies to focus on improving the quality of human resources that can be relied upon in the face of existing competition in order to meet the needs and desires of customers (students). Improving the quality of human resources can only be done by qualified educational institutions, both public and private universities. Universities are forums for the formation of quality human resources needed for future development through the education process.

The education process involves various elements including students, faculty, employees, parents, government, facilities and infrastructure and other parties that will determine the success of educational institutions in producing quality young generation in accordance with the demands and progress of the times. The higher level of education of a society will indirectly push the national development level more quickly and directed toward the desired development.

The role of educational institutions as a place for forging community learning to absorb all knowledge in depth becomes one of the determinants of the success of future development. Service user satisfaction (student) becomes a measure of the success of educational institutions in managing their institutions and still prioritizes academic quality as a service product that must be achieved. Accreditation of the study program is a form of accountability of Higher Education to the public, as quoted in Decree of the Minister of National Education of the Republic of Indonesia No. 32 / 2016 on the Accreditation of Studies Program at universities.

One of the factors considers the community when choosing an educational institution is whether the university can produce qualified graduates.

Therefore, private educational institutions are really required to provide quality education services in accordance with the demands and expectations of customers (students). However, until now, there are still many complaints about services that are less friendly of the staff, facilities and infrastructure are still inadequate, narrow parking space and even the availability of computers, academic information system used still cannot meet the needs of the service areas, lecturers are lack discipline in attendance in the classroom, the number of books in the library is still limited and not diverse, especially information in the internet media is still far from adequate. This is the cause of the decreased level of student loyalty.

If students' complaints can be resolved properly, then the students will try to complete their studies on campus to the highest level on the university's study program. A strategy for an institution to compete is to provide the best service and build a good image in the eyes of students and society, because the service and image can affect the process of purchasing a product / service. The performance of service in accordance with customer expectations leads the service provider to have a competitive advantage in the eyes of consumers not only on satisfaction but also impact on customer loyalty (Lu & Seock, 2008).

Conversely, if the customers are dissatisfied with the services provided, the institutional image will look bad and affect the unfamiliarity of a university in the community because it is considered unable to bear quality graduates. This research is intended to explore:

1. How much is the influence of Corporate Image to Graduate Studies Program?
2. How much is the influence of Student Loyalty to Graduate Studies Program?
3. How much is the influence Service Quality and Corporate Image to Student Loyalty either partially or simultaneously?

2. Literature Review

2.1. Definition of Administration

(Siagians, 2008) in the Philosophy of Administration says that Administration is the whole process of cooperation between two people or more based on certain rationality to achieve predetermined goals. Leonard D. White as cited in Moynihan (2009) states that administration is a common process in all human endeavors, public or private, civil or military, large or small.

From the above definitions, it can be concluded that the administration is an arrangement of cooperation, from the activities of a group of people, to achieve certain goals, with a high level of rationality. The nature of administration based on these definitions is: Arrangement / Cooperation, Activity of a group of people to achieve certain objectives rationally.

2.2. Definition of Education Service Marketing

Kotler as cited in Lupiyoadi, Rambat, and Hamdani (2008) states that understanding services is any action or activity that a party can offer to another party, which is essentially intangible and cannot result in any ownership. Production may be attributed or not linked to a physical product. Meanwhile, the marketing mix is a set of variables of marketing that can be controlled by the company and used to achieve goals in the target market. According to Dharmesta and Handoko (2008) the marketing mix is a combination of four variables or activities that are the cores of the company's marketing system, namely product, price structure, promotion and distribution activities. Thus, the marketing mix is: the marketing variables used to achieve the goal.

2.3. Definition of Service Quality

The conventional definition of quality usually describes the direct characteristics of a product such as: performance, reliability, ease of use, aesthetics, and so on. However managers of companies that are competing in the global market must pay serious attention to the definition of quality that is strategic in nature, namely: quality is anything that is able to meet customer needs (meeting the needs of customers). Product features or excellence can be measured through the level of customer satisfaction.

This feature does not only consist of product characteristics that are offered, but also the services that accompany the product, such as: marketing methods, payment methods, delivery provisions, and others (Gaspersz, 2011).

Wyckop in Tjiptono and Chandra (2012) suggests the quality of service as a measure of how good the level of service provided is able to match customer expectations. Quality of service can be realized through the fulfillment and desires of customers to compensate for customer expectations. Parasuraman in Lupiyoadi et al. (2008) suggests that service quality is a measure of overall assessment of the level of a good service, service quality as a result of the perception of the comparison between customer expectations with the actual performance of service.

Based on the above understanding, it can be concluded that the quality of service is a level of superiority that a person perceived a service expected from the comparison between desire and perceived performance of consumers after buying the service.

Apart from that, for the company is always approached and remembered by the customer then the service must be given by developing the best service pattern which according to Atep Adya Barata cited in [Badri, Yumnizal, Hushori, and Yusuf \(2018\)](#) among others by the following ways:

- 1) Paying attention to the development needs and desires of customers from time to time, for ease of anticipation.
- 2) Seek to provide the customer's needs as needed or more than he or she hopes and
- 3) Treat customers with the best service pattern.

Success in developing and implementing excellent service cannot be separated from the ability in the selection of the concept approach. Barata as cited in [Badri et al. \(2018\)](#) stated that there are two main factors affecting service quality. Firstly, the factors that affect the quality of internal services (interaction of employees), namely the organization's general management pattern, the provision of supporting facilities, human resources development, work climate and alignment of employment relationships, and incentive patterns. Secondly, factors that affect the quality of external services (external customers), namely the pattern of services and the procedures for the provision of services, the pattern of service/ distribution services, the pattern of service sales services, and service patterns in service delivery.

While [Gaspersz \(2011\)](#) argues that factors influencing customer perception and expectation on service, are the needs and desires associated with things that customers feel when he is trying to make transactions with the company; Past experience when using the services of company; the experience of friends, where they will tell about service quality they are received and communication through advertising and marketing that also affects the customer's perception of the services to be received.

2.4. Service Quality Dimension

A service quality approach that is widely used as a reference in marketing research is the Service Quality (ServQual) Model. According to Parasuraman and his colleagues who developed this model in North America, the ServQual model is built on the comparison of two main factors, namely customer perceptions of the actual service they receive (perceived service) with the expected service. The designer of this model identifies five major components of service quality ([Lupiyoadii, 2013](#)) namely: 1) Reliability, namely the ability of the company to provide services in accordance with the promised accurately reliable. Performance must be in line with customer expectations that mean punctuality, equal service for all customers, without error, sympathetic attitude and with high accuracy. 2) Tangible, ie the ability of the company to show its existence to outsiders. The company's physical facilities and infrastructure that are visible and can be utilized by its surroundings are clear evidence of the existence of the service provider. This includes physical facilities such as buildings, equipment and equipment used (technology) and the performance of the employees. 3) Responsiveness, which is a policy to help and deliver a fast and precise service to the customer, and the delivery of clear information. Allowing customers to wait becomes a negative perception in service quality. 4) Assurance, which is the knowledge and ability of employees to foster the trust of customers to the company. This includes several components, including communication, credibility, security, competence and courtesy. 5) Empathy, which gives a sincere and personal attention to the customers. Companies are expected to have understanding and knowledge about customers, understand their specific desires and needs, and provide convenient service time. Thus, in the context of this study, the authors draw conclusions from the sharing of expert opinions that serve as a reference that dimensions of Service Quality namely: 1) Reliability, 2) Responsiveness, 3) Tangible, 4) Assurance (Warranty of Certainty), 5) Empathy, 6) Action.

2.5. Definition of Image

According to [Kotler \(2009\)](#) definition or understanding of the image as a set of beliefs, ideas, and impressions that are owned by a person against an object. Frank Jefkins, in his, Public Relation Technique, concludes that in general, the image is defined as the impression of a person or an individual about something that arises as a result of his knowledge and experience ([Soemirat, 2010](#)).

Meanwhile, Jalaludin Rachmat in his book, Communication Psychology mentioned that the image is a depiction of reality and not necessarily in accordance with reality, the image is the world according to perception. Solomon in Rakhmat suggests an attitude to someone or something depends on our image of the person or object ([Soemirat, 2010](#)).

[Kotlere and Armstrong \(2013\)](#) states that corporate image is a set of beliefs, ideas and impressions that are owned by a person against a company. The image is formed from how an institution conducts its operational activities, which has a primary basis in terms of service. There are several types of images according to Frank Jefkins ([Soemiratt & Ardianto, 2008](#)) namely:

1) Mirror Image

An educational institution should be able to see for themselves how the image they display in serving the public. Institutions must be able to evaluate their appearance whether it is maximized in providing services or can still be improved again.

2) Multiple Image

Sometimes members of the community have various images of the company or educational institutions for example they are already satisfied, but there are still many shortcomings and need to be improved. Some are satisfied for certain services, and are not satisfied with some other service sector.

3) Current Image

How image to companies or educational institutions in general is called current image. Current image should be known by all employees of the company, so that where there is a possibility this general image can be fixed.

4) Wish Image

It is the desired image that management wants to achieve certain achievements. This image is applied to something new before the external public gets complete information. Based on the above description, the college should try to create a positive image in the hearts of the community, so that the community can make a decision to enrol their children to the college concerned.

2.6. Dimension of the Corporate Image

The Corporate Image Index Survey measures institutional image based on four dimensions:

- 1) Quality. It relates to the quality of the institution's products or services, its ability to innovate and how much trust the institution will have.
- 2) Performance. It relates to the financial performance of the institution and its business capability to grow.
- 3) Responsibility. It deals with environmental concerns and social responsibility.
- 4) Attractiveness. It includes the image of the institution built by its qualified employees and how far it becomes the preferred place to work.

Keller (2013) put forward the corporate image dimension of four important associations, namely:

- 1) *Common Product, Attributes, Benefits or Attitudes*. The company's name or brand can attract customers to a high association of product attributes and marketing innovations by marketers.
- 2) *People and Relationship*. Corporate image can be seen from the characteristics of employees such as services provided to customers.
- 3) *Value and Programs*. Corporate image can be seen from the values and programs of institutions that do not have to be related to the product being sold, for example the form of social awareness, awareness of the surrounding environment.
- 4) *Corporate Credibility*. Corporate image may be an opinion, or statement of the institution, as well as a belief in the institution competent in selling the product and delivering its services, as well as the degree of likability and interest of the customer to the institution.

2.7. Definition of Customer Loyalty

Griffin, cited in Supriadi (2011) assesses customer loyalty as a more reliable measure to predict sales and financial growth, compared to customer satisfaction. Many institutions rely on customer satisfaction as a guarantee of success in the future but then are disappointed to find that their satisfied customers can shop for competitors' products without hesitation. According to Griffin Supriadi (2011) to maintain and grow customer loyalty, there are two critical factors:

- 1) A high attachment factor to a particular product is compared to a competitor's product. The attachment felt by a customer is shaped by two dimensions: the level of preference, ie how much a customer's confidence in a particular product, and by the degree of differentiated product differentiation, the customer's ability to differentiate the company's product from the competitor's product significantly demonstrates the success of product differentiation.
- 2) Repurchase. Loyalty will not happen if a customer does not re-buy.

Griffin cited in Supriadi (2011) states that Loyalty is defined as non-random purchase expressed over time by some decision making unit. According to Griffin, the characteristics of loyal customers are as follows:

- 1) Re-buy regularly (makes regular repeat purchase), 2) Loyalty refers more to the behavioral form of decision-making units to make a continuous purchase of goods / services of a selected company, 3) Buying outside the product / service line (purchases across product and service lines). Customers who already believe in the company in a matter then will believe also for other affairs. 4) Referencing the store to others, which means attracting new customers to the company (Refers other) and 5) Demonstrates the immune attraction of a competitor (Demonstrates an immunity to the full of the competition).

3. Hypothesis

Based on previous theories and research described above, the framework of this research is as follows:

1. The effect of Service Quality on Student Loyalty

Kotler (2009) argues that customer satisfaction is the feeling of pleasure or disappointment of someone who emerged after comparing the performance / product results thought to the expected performance / results. If the performance is below expectations, then the customer is not satisfied. If the performance meets expectations, the customer is satisfied. If the performance exceeds expectations, the customer is very satisfied or happy. The customer consciously or unconsciously will always evaluate the transactions performed. If the customer is satisfied then the decision to make a purchase may occur.

2. The influence of Corporate Image to Student Loyalty

A customer will give a high value to a service if he feels the benefits gained greater than the cost incurred, as well as other services from competitor service providers are not able to provide better benefits. The more valuable a service the more customer needs that service can fulfil. Thus, reputable institutions providing high value services can apply higher prices than competitor prices. The customer's perception of the product or service influences the level of customer importance, customer satisfaction, and value. In other words, if the created corporate image can provide satisfaction to the customer, then a satisfied customer may be allowed to re-purchase.

3. Partial and simultaneous to Student Loyalty

Student loyalty will be created when students feel satisfied with the services provided. Students will fully put their trust in the guarantee of education to colleges that provide maximum service and empathetically treat their students. Thus, it can be assumed that the quality of service and image of institutions that are owned together will further affect student loyalty. The following is a contribution research from two aspects above (service quality and corporate image) to student loyalty with the research model that can be described as follows:

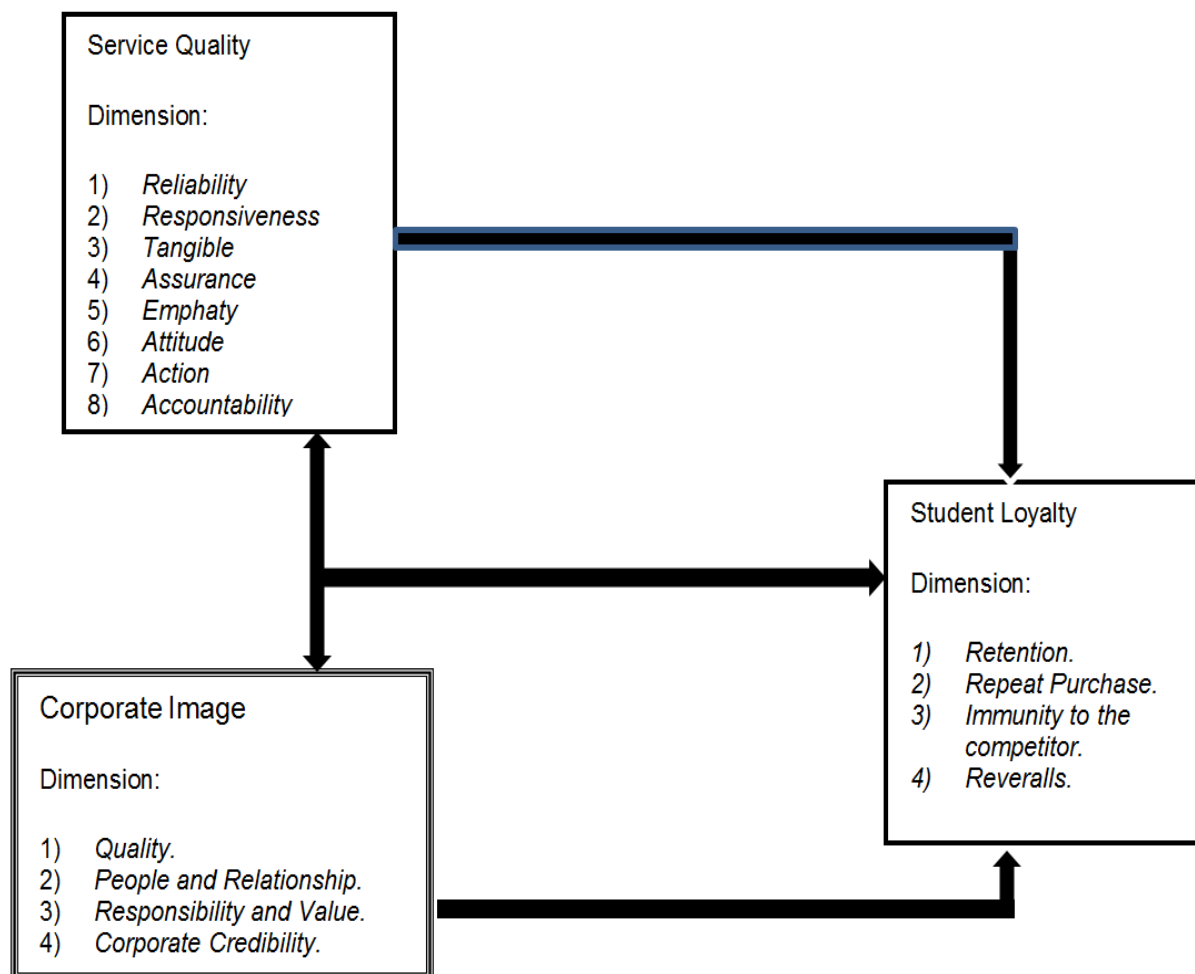


Figure-1. Research Conceptual Framework.
Source: Lupiyoadii (2013).

Based on the above framework, the hypothesis proposed in this research:

H1: Quality of Graduate Program Service is good

H2: Corporate Image of Graduate Program is good

H3: High Loyalty of Graduate Student

H4: There is a significant influence between the Service Quality and Corporate Image simultaneously on the Graduate Student Loyalty.

4. Methodology

The research used quantitative approach, because it emphasizes its analysis on numerical data or figures obtained by statistical methods and conducted on inferential research or in the framework of hypothesis testing to obtain the significance of the relationship between the variables studied. Primary data is raw data collected, sorted, processed taken by using questionnaire as research instrument. Questionnaires submitted to the respondents amounted to 42 questions consisting of variable quality of service as many as 25 questions, corporate image of 13 questions and student loyalty variable as many as 4 questions. The question is given to 54 respondents. This study uses an instrument prepared in the form of a questionnaire that provides five options with alternative answers are:

1) Strongly Agree (SS) with a score of 5

2) Agree (S) with a score of 4

3) Simply Agree answer (CS) with a score of 3

4) Disagree (TS) with a score of 2

5) Strongly Disagree (STS) with a score of 1

Whereas secondary data is data obtained in the form of: Academic Information System (SIA) and Scientific literature books, research method books, books on marketing, and other related books.

4.1. Data Collection Technique

In data collection technique, the research questionnaire was prepared by filing a closed ended statement and an answer option to be submitted to the research sample. The scale used in this research is Likert Scale with five alternative answers and the authors make direct observation of the subject, object or event that are systematic in the environment of the campus.

4.2. Sampling

According to Supriadi (2011) population is a generalization region consisting of the object or subject into a certain quantity and characteristics set by the researcher to be studied and then drawn conclusion. Based on the opinion, it can be concluded that the population is the object or subject that is in a territory and meet certain requirements relating to research problems. The population in this study is all postgraduate students in 2014, amounting to 535 students.

4.3. Technique of Analysis

Prior to the research, firstly data quality and data analysis techniques were tested. It is necessary to test the instrument to be used, ie:

1. Descriptive Statistics Test.

a. Centering and Variation Measurement

Descriptive analysis is a form of research data analysis to test the generalization of research results based on one sample (Syofian, 2013). This descriptive analysis was carried out by testing the descriptive hypothesis. Descriptive statistics are statistics used to analyze data by describing or describing collected data as they are without making conclusions that apply to the general or generalizations. Included in descriptive statistics include concentration and variation size calculations, which include the calculation of mean, median, and mode, calculation of data distribution through calculation of averages and standard deviations.

b. Average Score Prediction Analysis

In analyzing the data in this study, the authors used the Sanvord Labovitz formula to calculate the predicted value of the average score. To find out Service Quality (X1), Institutional Image (X2) and Student Loyalty (Y), the Sanvord Labovitz formula is used:

$$M = \frac{\sum f(x)}{n}$$

Note :

M = the value of the average interpretation score / prediction

f = frequency of answers

x = weighting

Σ = addition

n = number of respondents

After that, the average score needs to be interpreted on five interpretation criteria between one criterion and another. The interval scale can be formulated as follows:

$$\text{Interval Scale} = \frac{\text{Number of alternative Answers} - 1}{\text{Number of Interval Scale desired}}$$

$$= \frac{5-1}{5} = 0.80$$

Then the five interpretation criteria are obtained as follows:

Table-1. Measurement of Category.

Category	Score
Strongly Agree	4.21-5.00
Agree	3.41-4.20
Simply Agree	2.81-3.40
Disagree	1.81-2.80
Strongly Disagree	1.00-1.80

Source: Data analysis by SPSS.

1. Test the Assumption of a Regression Model

A regression model will be used for forecasting; a good money model is a model with minimal forecasting errors. Therefore, a model before being used should fulfill a number of assumptions, commonly called classic assumptions. The following is briefly explained these assumptions and how to test them with SPSS version 20. Some classic assumptions that need to be fulfilled:

a. Normality

The use of a regression model for predictions will produce errors (called residues), namely the difference between the two actual data forecasting results. Existing residues should be normally distributed. In SPSS version 20 histogram and normal probability plot will be used to determine the residual normality of the regression model.

b. Homoscedasticity

The residue should have a constant variance (homoscedasticity). If the variance of the residue increases or decreases with a certain pattern. This is called homoskedasticity. In SPSS, the presence of homoskedasticity can be detected by a special plot.

c. Multicollinearity

In a good regression model, independent variables should not correlate with each other. In SPSS, this can be detected by looking at the correlation between independent variables or through VIP numbers

d. Linear Test

One other important assumption in a regression model is the linearity assumption. This assumption states that the relationship between one dependent variable and the independent variable should be linear. Linear here can be interpreted as a positive or negative relationship.

2. Inferential Statistical Analysis

a. Multiple Linear Regression

Multiple linear regression analysis is a linear relationship between two or more variables (X_1, X_2, \dots, X_n) with the dependent variable (Y). This analysis is to determine the direction of the relationship between the independent variable and the dependent variable whether each independent variable is positively or negatively related and to predict the value of the dependent variable if the value of the independent variable increases or decreases. The general equation of multiple linear regression is:

$$\hat{Y} = a + b_1X_1 + b_2X_2$$

Note:

Y = dependent variable (predicted value)

X_1 and X_2 = independent variables

a = constant (Y value if $X_1, X_2 = 0$)

b = regression coefficient (value of increase or decrease)

b. Simultaneous Regression Coefficient Test (Test F)

The F test is used to determine the significance of the effect of service quality variables (X_1) and institutional image (X_2) together on student loyalty (Y). Using the formula:

$$F = \frac{JKR/k}{JKG/(n-k-1)}$$

Conclusion

The calculated F value is then compared with Ftable. If H0 is rejected, it means that there is an influence of the independent variable (X) with the dependent variable (Y) (Budyono, 2000). Testing of the F test is done using the help of the SPSS for Windows V.20 program.

c. Partial Correlation Coefficient

In this study, the scale of the data used is an ordinal scale. Therefore, for the measurement of correlation Spearman rank correlation is used with the formula:

$$r_s = 1 - \frac{6\sum d^2}{n^3 - n}$$

Note:

rs = Spearman correlation coefficient

d = Difference in rank values X1 or X2 with Y

d. Multiple Correlation Coefficients

Analysis of multiple correlation is to find out the degree or strength of the relationship between three or more variables, and to find out the contributions given simultaneously by variables X1 and X2 to the value of variable Y and contribute partially given by variables X1 to Y and X2 to Y. For calculate the value of the multiple correlation coefficient used the following formula:

$$(R_{yx1x2}) = \sqrt{\frac{(r_{YX1})^2 + (r_{YX2})^2 + 2(r_{YX1})(r_{YX2})(r_{X1X2})}{1 - (r_{X1X2})^2}}$$

Note:

Ryx1x2 = multiple correlation coefficient

X1 = 1st independent variable

X2 = 2nd independent variable

Y = dependent variable

e. Interpretation of the Value of the Correlation Coefficient (r)

The scale involved in this calculation is the minimum interval as shown in the table below:

Table-2. Interpretation of Value r.

Value of r	Interpretation
Between 0.80 and 1.00	Height
Between 0.80 and 0.79	Average
Between 0.40 and 0.59	Simply Low
Between 0.20 and 0.39	Low
Between 0.00 and 0.19	Very Low

Source: Data analysis by SPSS.

f. Determination Coefficient Test (R²)

This analysis is used to determine how much the contribution given by the independent variable to the dependent variable is shown in the percentage. The formulas used are as follows:

$$R^2 = \frac{a_1 \sum x_1 y + a_2 \sum x_2 y}{\sum y^2}$$

Note:

R² = The coefficient of determination

a = Regression coefficient

Y = student loyalty

X1 = Service quality

X2 = Institution Image

5. Findings and Discussion

Discussion refers to the results of quantitative data analysis which includes the results of measurement and hypothesis testing. The main points of measurement and testing of the hypothesis are as follows:

1. The Influence of Service Quality to Student Loyalty of Graduate Program based on the average number of interpretations obtained, which amounted to 3.867 can be said that the Quality of Graduate

Program Services is *good*, but should be upgraded to *very good*. This shows that the quality of service in the School of Business and Management is good.

From the results of hypothesis testing that H_0 is rejected, so H_a is accepted, means there is a significant relationship between service quality and student loyalty. The results of this analysis can be interpreted that the quality of service, customer satisfaction and profitability of institutions / corporates are closely related. The higher the level of service quality is achieved, the higher the level of loyalty is obtained. Customer satisfaction will impact on customer / student loyalty. In order for this School of Business and Management always to be approached and remembered by the customer (student) then the service must be given by developing the best service pattern as stated by Atep Adya Barata as cited in Badri et al. (2018) among others by the following ways: 1. Improving the development of the needs and desires of the customers from time to time, for ease of anticipation, 2. Seeking to provide the customer's needs as wanted or more than just expected, and 3. Treating customers with the best service pattern.

Apart from all that, the institution needs to improve the quality of service to the students especially on the tangible side, assurance and action such as, expansion of parking lots, renovation of campus buildings, addition and maintenance of computer laboratories, the addition of the collection and diversity of books in the library. Students at the time of registration also need attention. For example, promise about being a lecturer, accreditation status as well as teaching and learning facilities as well as qualified lecturers. If all can be improved and improved, then the loyalty of students will be increasing in accordance with the results of research that proves that the quality of service has a positive and significant impact on Student Loyalty of the Graduate Program.

2. The Influence of Corporate Image on Student Loyalty of the Graduate Program

Based on the average number of interpretations obtained, that is equal to 4.17, it can be said that the Postgraduate Program Image is good. This shows that the institution still has a good image in the eyes of students. Nevertheless, it still has to make the corporate image better for the sake of increasing the loyalty of its students, among others, with the curriculum renewal in accordance with the demands of the labor market and the development of science as well as providing the comfort of academic, financial, and academic services. From the research result, it is obtained that H_0 is accepted and H_a is rejected. Thus there is actually no significant relationship between Corporate Image and Student Loyalty.

3. Student Loyalty of the Graduate Program

Based on the average number of interpretations obtained, which is 3.98, it is concluded that the loyalty of students is high, but not optimal. To that end, the institution must strive for the loyalty level of its students by improving the facilities and supporting facilities of teaching and learning and improving the positive image to the students.

4. Effect of Service Quality and Corporate Image simultaneously to Student Loyalty of Graduate Program.

The R square number is simultaneously 0.081. This means that 8.1% is the contribution of variable service quality and corporate image to loyalty of students while the remaining 91.9% is the influence of other factors that are not studied.

6. Conclusion and Recommendation

The conclusions obtained from the results of research related to research questions and hypotheses can be explained as follows: 1. Quality Service Postgraduate Program with an average score of 3.867 is classified as good category. 2. Corporate Image of Postgraduate Program with an average score of 4.17 is categorized as good category. 3. Student Loyalty of Graduate Program with an average score of 3.98 is classified as high category. 4. Service Quality and Corporate Image simultaneously have a significant effect on Student Loyalty of 8.1%, while the remaining 91.9% is the influence of other factors that are not studied.

Based on the recapitulation of the average score, some suggestions can be proposed as follows: 1. The campus building owned by the institution must create good classrooms that are able to accommodate students with a ratio of students and lecturers of 1:40 (one class contains a maximum of 40 students), and make it comfortable for students in doing the learning activities 2. To increase the number of computers in the laboratory so that students can learn optimally. 3. To increase the number of books in the library, especially the latest edition of books considering the rapid development of science. 4. It is necessary to provide the best service training to the existing administrative personnel, especially for employees who are in direct contact with the students. 5. The curriculum should follow the development of science and the willingness of the labor market.

References

- Badri, M., Yunsizal, F., Hushori, A., & Yusuf, M. (2018). Community perception on public sector services: Study on Palembang city government, South Sumatra, Indonesia. *International Journal of Research in Commerce, IT and Management*, 8(4), 29-34.
- Budiyono. (2000). *Basic statistics for research*. Surakarta: UNS Press.

- Dharmesta, B. S., & Handoko, T. H. (2008). *Marketing management: Consumer behavior analysis* (4th ed.). Yogyakarta: BPFE.
- Gaspersz, V. (2011). *Integrated balanced performance management system scorecard with Malcolm Baldrige and Lean six sigma supply chain management*. Jakarta: PT Gramedia Main Library.
- Keller, K. L. (2013). *Strategic brand management: Building, measuring, and managing brand equity* (4th ed.). New York: Pearson International Edition.
- Kotler, P. (2009). *Retailing management: Text and cases* (3rd ed.). New Delhi, India: Mc Graw Hill Company.
- Kotler, P., & Armstrong, G. (2013). *Principle of marketing* (15th ed.): Prentice Hall.
- Lu, Y., & Seock, Y.-K. (2008). The influence of grey consumers' service quality perception on satisfaction and store loyalty behavior. *International Journal of Retail & Distribution Management*, 36(11), 901-918.
- Lupiyoadi, Rambat, & Hamdani, A. (2008). *Marketing management* (2nd ed.). Jakarta: Salemba Empat Publisher.
- Lupiyoadi, R. (2013). *Service marketing management* (4th ed.). Jakarta: Salemba.
- Moynihan, D. P. (2009). Our usable past": A historical contextual approach to administrative values. *Public Administration Review*, 69(5), 813-822.
- Siagian, S. P. (2008). *Human resource management* (1st ed.). Jakarta: Binapura Aksara.
- Soemirat, S. (2010). *Dasar-dasar public relations*. Bandung: Rosdakarya.
- Soemiratt, S., & Ardianto, E. (2008). *Dasar-Dasar public relation*. Bandung: PT Remaja Rosdakarya.
- Supriadi, S. (2011). *Customer loyalty services*. Bogor: IPB Press Publisher.
- Syofian, S. (2013). *Quantitative research methods*. Jakarta: Kencana Prenada Media Group.
- Tjiptono, F., & Chandra, G. (2012). *Strategic marketing*. Yogyakarta: Publisher Andi Offset.