
UTILIZATION OF SOCIAL MEDIA ON STUDENTS ACHIEVEMENT STUDY IN PRIVATE GENERAL SECONDARY EDUCATION CRISTAL

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ABSTRACT

The objective of this research is to understand and analyze the significant influence of the use of social media in the provision of student studies in General Secondary Education Private Cristal in the 2020 school year. This research results from a quantitative approach, having the technical researched to analyze the regression of simple airlines with the support of the SPSS program a version of 23.0 for windows for data analysis. Said number is 10 visa applicants, distributed among students of General Secondary School Private Cristal Year 2020. The survey results point to the growing influence of the Use of Social Media concerning the Provision of Studies in the ESG Private Cristal Teaching Year 2020. In which the tsura value of 8.171 was greater than the value of 1.6634 values of table and a significant level of 0.05 indicated that they rejected the empty hypothesis and accepted or received an alternative hypothesis. In addition, the simple aerial regression equation value is $9.956 + 0.696 X$ and the correlation coefficient value is 0.672 strong category heads, with the determining coefficient (R²) between 0.452 and 22.5%, and the remaining 77.5% was influenced by other factors not analyzed in this research.

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INTRODUCTION

In Timor-Leste, the use of technology has been constantly increasing, since the use of technology has been a means of accessing information through social media and communicated from one country to another. Thus, all elderly, old, young, and children use technological instruments such as mobile phones to access Social Media. The instruments are used to access social media such as Facebook, Whatsapp, Messenger, Twitter, Line, among others to communicate the couple can have access to any information that prizes.

Mobile phones, which are capable of connecting to Internet services, can help people access information around the world and share information on one side. The development of a country, success depends on the quality and quantity of adequate human resources of education aspects. To achieve goals, it is necessary an effort and preparation of quality human resources and an increase in the capacity to compete in the age of globalization (Lin & Chien, 2010). This reality demonstrates that the development of science and technology has been taking place. With technological changes, instruments are used not only to communicate and interact with your close relative. But they also communicate with other places that leave them far away, through their mobile phone and social media.

Social media is the media supported by this Internet that supports the application or software, social media communications with interactive features, open and that, at times, everyone wants to participate. The movement's main authors dominate the youth, particularly students from basic to university levels. The social militia sites that dominate today are Blog, Twitter, Facebook, Whatsapp, and YouTube, when traditional media use form media and news media, is the social media users on the internet (Zande, 2013).

Blogs and social networks are the only forms of social media used by society worldwide (Nurmihasti, 2012). In terms of the creature, we perceive a change in interaction due to the situation and globalization, the interaction will have been influenced by several factors, both internal and external factors. With interaction, it is possible to give ideas and exchange ideas with others, to obtain new knowledge, so that they can properly relate to adults and determine their personality as a dream of the interaction they feel (Robiko, 2013; Robson et al., 2018).

Communication, a process of sharing information between individuals through symbols, signs, or behavior (Rochajat, 2011). Using Social Media can not only have a negative impact, but it can also have a positive impact. According to Fadhilah, the mobile phone is one of the Social Media that can contact someone, the distance from the distance created by people to facilitate communication. Mobile phones contain actions that are complete like Mp3, videos, camera, game, television, radio, and internet (Costa et al., 2019).

The media is more easily aware of or access to narrow information via SMS (Short Message Service) is a narrow of each mobile used to unravel the information that we have lost. Mobile social media can also make it easier for students to access any related death, thus increasing their educational attainment. The provision of students/bras is to know and measure the ability of students through the value obtained in the exercise of these study activities as an exam.

The value of the last formulations was given by the masters concerning the results or knowledge of the students during a period (Da Costa et al., 2017). With values from both students in the booklet, we can know the performance of students. According to Suryabrata (1987), students/the booklet valued this value indicating that the good performances or benefits are good, but the students/members of the booklet accumulate values that are still insufficient, which indicates the lack of provision of studies. According to Tirtonegoro (1984), the provision of studies is the value of the results that one intends to study, through a symbol of values, letters, or words that obtained the results achieved by the students for each period of one. The idea, in turn, of (Sunarya, 1983) is that the provision of studies is an attitude change that forms cognitive, affective aspects and that psychomotor is a measure of results by students.

Technical Framework

Communication

The concept of communication in the English language of communication means communication, while the source of the word communists means that yes the concept (Effendy, 2003). Another source of Cangara (2006) is that communication is the transition, symbolic where the accommodation of the environment are: (1) Develop the relationship between other people; (2) Exchange the idea of information; and (3) to enhance behavior.

According to (Pawito & Sardjono, 1994) communication is a message process that changes anything. From sources to people accept in the sense of attitude change, science, and attitude change. Second (Wright, 1988) communication is a very basic and vital social process for people to live in improved societies. Ancient and modern can be known by social criteria through communication. According to Bernard Berekson and Steiner have books entitled Communication is the transmission of information. Communication that the formation of any process, reception, and control of messages arises in one or two people with specific goals (Sandjaja, 2006). Communication is how the interaction between influential people, pretend or without purpose. There are no limits to the form of communication using verbal languages, face expressions, paint, arts, and technology (Cangara, 1998).

Communication characteristics are still classified into four parts (4) (Effendy, 2003):

1) Verbal communications (verbal communication)

Verbal communication is a symbol or message that uses one or more words. Language can be defined as a symbol, with a combined regulation of the symbols used and the concepts of any given community. The verbal language is the main means of thinking and for the feeling of our idea, namely: (a) oral communication, (b) written communication)

2) nonverbal communication.

3) communications older than verbal communication.

4) Face facing communications

5) mediated communication

According to Mulyana (2005), communication is four categories namely: (1) the media; (2) Communications are expressive; (3) Ritual communications; and (4) Communi-cations are instrumental.

According to Effendy (2003), the communication processes of two categories are as follows:

1) Communication processes from a psychology perspective

The perspective communication process resulted from communication. If the communicator intends to issue a communication message, a process is carried out that only reaches us. The process «is null communicating and communicating, the voice of encoding.

2) Communication processes have perspective mechanisms The right process, the communicator 'Soe' asleep when the oral or the written kept their hand until the receiver. The deviation of the communicators' message made an eye census, a brilliant census, and others. The communication process from the perspective of the mechanism can classify the process of primary and secondary communications:

(a) The primary communication process

The primary communication process (Primary) is a process driven by communicators using any symbol as a medium. In voice communication, there are verbal symbols (Verbal symbols) but other caricatured symbols of the verbal symbol (en verbal symbol).

(b) Secondary communication process

The secondary communication process (the secondary of the process) led to a process of issuing communicating messages to communicate using instruments as the primary medium. The communicator used these secondary means by communicating as a long-term means of communication, that is, the entire type of travel. In cases where the caller leaves, use telephones, letters, radios, and televisions.

According to Effendy (2003), the components of communication are as follows:

- 1) The verbal communicator or source message groups or advanced news source.
- 2) The message is that information the communicators deliver to the communicator disclose using sounds or symbols in this form like images, gestures, colors, flags, voices, or spoken languages in the people they create.
- 3) A receiver is a person or group of subjects of communicators (message), who receive messages or news of information in the form of a symbol of meaning or meaning.
- 4) The channel or the means of communication The channel or the means of communication is the symbol medium that applies the message. The channel or the means of communication form instruments such as a listening voice, writing, and images.
- 5) The effect or comment is the result of the reception of messages or information of a communiqué, influences, or effects that may result when the communicator receives the message.

Telephone

According to Fadilah (2011), the mobile phone is one of the Social Media that can contact third parties, the distance from the far away created by people to facilitate communication, and another definition is Social Media, the distance from the far and immediate distance. This instrument is oral or written communication that can support the message and practice to be used as Social Media, since the instrument is used anywhere, with the Cell Phone (mobile phone) being an electronic telecommunications instrument with a conventional telephone network permanent channels that have a basic capability (portable, mobile) and do not need to be connected by phone (wireless).

Based on Ericson Lab Consumer data exposure and social media the phone have other functions as a means of communication to maintain and engage colleagues or family members, namely (a) It is a symbol of class in society; (b) To support the business; and (c) Living the limitations of the community; and (4) These are stress-relieving things.

The telephone function is a means of communication to maintain and involve colleagues or families, in the exercise of their original functions, and in addition to functions above telephones, it helps to capture knowledge about technologies and expand networks. The telephone can also be eliminated by telephone, holding different models: mp3, games, videos, radios, televisions even from yahoo, Facebook, and Twitter.

Social Media

Social Media is one of the media used to provide information from one or more people. Social media facilitated mutual communication and helped to carry out the activity every day.

Facebook

According to (Wati & Rizky, 2009) Facebook as a social network could benefit from this use to know and communicate the needs and also the character. On Facebook, the social network's web status was launched on February 14, 2004, and created by Mark Zuckerberg, at the end of a Harvard higher education study. From Mark Zuckerberg, Facebook mentioned how to use the social network of relationships with societies based on work, education, and close environments, that society uses Facebook to search for colleagues, photos and share videos. Anyone can view the access profile and there can be a relationship between themselves, want, advance, work, organization, or the same education (Oliveira, 2015).

According to Sryono (2013) The social structures of Facebook, which are elements of individuals or organizations, network points out the trajectory of recordings based on solidarity, from which they know Facebook every day until the family. The word from the heart was communicated by the professor (Barnes, 1945) in the book Muhammad Riduwan (2008)

The intention uses Facebook as it creates Friendship to exchange ideas in any kind of activity, which is why a new colleague uses facebook, information based on education, sport, culture, and others. Facebook is taking a big step for students because its facilities are mobile phones, laptops, and modem, you can easily access Facebook wherever you are and within the territory.

According to (Mardiana Wati & A R Rizky, 2009) Facebook as a social network could benefit from the use of knowledge and communication within the needs and

also the characteristic of the reaction. Facebook revealed that the social networking web charter was launched on February 4, 2004, and was built by Harvard Graduate Mark Zuckerberg and Ardsley High School alumni. The definition of Facebook with the Indonesian language Wikipedia shows a silence that reflects the known social web. Facebook sometimes uses more and more professionals with photos, contacts, and other personal information and may be linked within communications for connection and interaction with other uses (Rachmayani, 2011).

The adults used the Facebook social network quote as media of social interest and allowed the spread of the same world. Many of the benefits obtained with a relationship within social networks are Facebook. Among the relationships you can find happy colleagues with new colleagues, old colleagues, and also families, not by distance and elsewhere, and they can benefit a lot from friendship by preparing for free as quiz, games, and chat, among others (Suryono, 2013).

WhatsApp

Whatsapp is an application used to send messages through smartphones that you can download for free. The application of the use of internet connections by sending messages, images, audio and videos, and media to phones, such as custom phones, this service is almost half of the message. Thanks to Whatsapp, the internet had sent messages, the cost of using it was cheaper than the message (SMS). The app is also popular with young people because they complete interesting threads such as group chat, audio messages and how these can substitute for location (Brown, 2012).

Study Achievement

Study benefits are the results to be achieved by people or students after study changes, better in schools and outside schools. In Webster's New International Dictionary he said in statements that "Achievement is qualifying the tests of measuring the skill (known to persons are increasingly light working to study, (Webster's New International Dictionary, 1951). measurement tests or knowledge of people with more than one person, in work or study. There are popular dictionaries of provision that are the results to be achieved (Purwodarminto, 1979).

According to (Abu, 1991) that the provision of studies was the greatest opportunity to repeat, source of efforts to find their electronica (value, appreciation, recognition) and obtain their estrin creative (enthusiasm to investigate and interpret their situation).

The increase in the provision of studies is also of attention, giving eyes to study models and more sophisticated forms of study. The provision of studies in educational sciences results from measurements for students/category of cognitive, affective, and psychomotor factors after the learning process in which we measure the use of testing instruments or relevant instruments. In this way, the provision of studies is the result of a measurement of value with efforts to study the symbol format, the word of its history, which shows the result to achieve for a period of students (da Costa et al., 2019). The provision of studies is the result of measuring students with the category of cognitive, affective, and psychomotor factors after a learning process that measures the use of relevant testing instruments.

To measure the provision of student studies, through tests that we know, was the test of provision of studies. According to (Anwar, 2005) performance tests study

through the objective that shows the success of the people in the study. The test is the basis for gathering the information obtained which is used as a basis for making your decision. The performance test studied in tests formed according to the plan for presenting as many performances as possible, subject to many materials and elaborate materials. The formal exercise of education in study tests forms the daily test (daily test), formative tests, summative tests, national exams, and examinations at the university level. Defining the provision of studies is something that can achieve your goals and everything you cannot achieve. To achieve student performance, the learning process must be tackled. Within the learning process, the student/provides science, experience, and skill (Inete et al., 2015).

The benefits of the study are results achieved by people or students, through learning science, mastery of science, and the way to develop in the subject, usually expressed in the test of values offered by the 2009 master. The provision of studies or calls or refer to results to be studied with the aim of the study experience and based on competence to show the results of the study and the silence function to show the change in attitude achieved by students and related to the activity of the learning process, based on their skills and standards. The studied results can form sciences, ways, and acts, (Cunandar, 2007).

According to Bloom in Nasution, et al (1998) who divided the results study into three parts as science (cognitive), act (affective), and manner (psychomotor). And according to Gague in Nasution and Budiastira (1998), the results of the study were divided into five categories such as verbal information (Verbal Information), intellectual skill (Intellectual Skill), cognitive strategy (Cognitive Strategies), action (Attitude), and motor skill (Motor Skills).

Use of Social Media to Provide Studies

Social media is a way to carry out social interactions using accessible and expandable techniques, communicating opinions to users, and openly commenting on other users' writing. In general, social media can be considered as a means of online communication, in which the user can share, participate and create sub-formed content for blogs, wikis, forums, flower networks, and interest for a virtual world supported by advanced multimedia technologies. Social media is the means of interaction used easily and accessible, extending the information to the learning process so that students can take advantage of improvements in social media to learn from it to obtain a better provision of studies (Costa et al., 2019).

METHOD

The method that was utilized in this research is a quantitative special correlation study. This research population is the total Cristal Private General Secondary School Student Year of 499 (four cemeteries). The sample in this research was 83 students/a 120 Year. The technique used by accidental is sampling, with 83 students. This research took place in the Cristal Private General Secondary Education In this research. The data collection used questionnaire by scale Likert approach. The sample represented by each class and specialization is seen in the next table:

Table 1. Population and Sample

No	Classroom	Population	Population each area	Represent of Area	%	Represent each degree	%
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1	CT1	50				8	19.7%
2	CT2	48				8	18.9%
3	CT3	47	254	42	50.8 %	8	18.5%
4	CT4	55				9	21.7%
5	CT5	54				9	21.3%
6	CSH1	52				9	21.1%
7	CSH2	48				8	19.5%
8	CSH3	47	246	41	49.2 %	8	19.1%
9	CSH4	54				9	22.0%
10	CSH5	45				7	18.3%
Total		500		83		83	

Variable

a) Independent Variable (Use of Social Media).

Independent variable or mentioned variable X, in this research the use of Social Media telephone becomes independent. Social media is the application that can be used for contacts between one person and another, either with close distance or through which people can facilitate communication. With your indicator being: internet access, Facebook access, access to just obtainment, access to all messengers, and access to any information.

b) The Dependent Variable (Study Achievement).

Researches are dependent variables or mention extremely varied Y, which are benefits of studies. Study benefits are the value to be achieved by students, as long as the learning process that obtained the study results is followed. With its indicator the characterized: Domina material, exam value, exam result, knowledge

The technique that analyzes the data used in this research is an assumed analysis model. Where this regression is analyzed, it is a statistical procedure used for analysis between variables. Simpler regression analysis is used to influence the use of social media (X) for providing studies (Y) student of the Cristal Private General Secondary Education. Formulation analyzes simple $Y + bX$ air regressions. The formula used in the search by value agrees and hence:

$$b = \frac{n \cdot \sum XY - \sum X \cdot \sum Y}{n \cdot \sum X^2 - (\sum X)^2} \quad a = \frac{\sum Y - b \cdot \sum X}{n}$$

According to (Riduwan, 2006) this significant analysis, if the researcher wants to understand the meaning of the relationships between the X and Y variables, then the results of the PPM correlation will be analyzed with significant evidence of its following formula:

$$t_{sura} = \frac{r \sqrt{n-2}}{\sqrt{1-r^2}}$$

To know the influence of a variable independent of variants, the hypotheses are as follows: I0 02, if the value of the table is a table: what does it mean to have no significant and positive influence between the Use of Social Media to Provide Student Studies in Private General Secondary Education Cristal.

$I_0 \neq 0$ se valór $t_{count} > t_{tabela}$: signifika la iha influéncia singnifikante no pozitivu Entre Utilizasaun Mídia Sosiál Ba Prestasaun Estudu Alunu/a Iha Ensino Secundário Geral Privadu Cristal

The $I_0 = 0$ if the value of the table: which means no significant and positive influence Between the Use of Social Media to Provide Students/evaluated Studies in Private General Secondary Education Cristal. According to Riduwan (2010), to obtain a determining coefficient for two variables such as X and Y, it will use the formula: $KD = \frac{r}{1 + r} \times 100\%$

RESULTS

Having analyzed possible correlations of products, there is a relationship between the various uses of social media (X) and the variables in the provision of student studies (Y). The correlation results that support the use of the SPSS program a version of 23.0 for windows can be seen in the table according to this main

Table 2. Result Correlasaun

Correlations

		Prestasaun Estudu	Utilizasaun Sosiál	Midia
Pearson Correlation	Study achievement	1.000	.672	
	Utilization of social media	.672	1.000	
Sig. (1-tailed)	Study achievement	.	.000	
	Utilization of social media	.000	.	
N	Study achievement	83	83	
	Utilization of social media	83	83	

Regarding the results analyzed in the scope of the table, it is pointed out that the value of the correlation of the variables of social media use (X) with the variable of provision of student studies (Y) has 0.672 ages with this strong category. Shows that between the use of social media for the provision of studies. Alunu/a 120 CT and SCH in Cristal Private General Secondary Education with an even stronger category. It seems that the student is using social media to learn something related to the learning subject. The provision of student studies/or improvements. But if the student uses social media to play and other needs, the provision of studies has also been bad.

A simpler analysis is used to determine the influence of independent variables (use of social media) and dependent variables (providing student study). The results simply analyze the research regressions to determine a relationship model between independent variables (use of social media) and dependent variable (provision of student studies). The results analyze the regression in simple terms:

Table 3. Result Análisis Simple Regression

Coefficient

Model	Unstandardized Coefficients	Standardized Coefficients	t	Sig.
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		B	Std. Error Beta		
1	(Constant)	9.959	3.441	2.894	.005
	Utilization of social media	.696	.085	.672	8.171 .000

Based on this table, it is pointed out that the value of the regression equation is simple in this research, the $9,959 + 0.696X$. This result would mean a value of 9,959 votes in the meaning of using social miles (X) or 9,959 varietals. The baby value with a result of 0.696 means in the relationship between the use of social media (X) and the provision of positive studies (Y) that each value increase with a unit of variable use of social media (X) is the provision of student/advanced studies.

According to the significant influence of independent variations (use of social media) for the dependent variable (study presentation) in Cristal Private General Secondary Education, the censorship value compares to the table values with the significance levels or error of 0.05 or 5%. The results analyze the influence will be seen in the next table:

Table 4. Value t_{count} Coefficient

		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
Model		B	Std. Error	Beta		
1	(Constant)	9.959	3.441		2.894	.005
	Utilization of social media	.696	.085	.672	8.171	.000

a. Dependent Variable: Study achievement

Based on table 4 showed the results of the analysis. It is shown that of the 81 free degrees of no. 2 5% indicate that the value of tsbela is 8.634 times greater than that of 8.171 and 1.6634, so they reject the alternative hypothesis (Ia) that the use of social media has a significant and positive influence on the provision of students/a studies in Cristal Private General Secondary Education. Furthermore, based on this concept, the determination of coefficients (R2) is being identified in this research through a 'model summary' which is analyzed using the SPSS program, a version of 23.00:

Tabla 5. Coefficient Determinant Model Summaryb

		Std. Error Change Statistics							
Model	R	Adjusted of R Square	the Estimate	R Square	F	Sig.	F		
Model R	Square	R Square	Change	Change	Change	df1	df2	Change	
1	.672a	.452	.445	5.017	.452	66.761	1	81	.000

a. Predictors: (Constant), Utilization Media Social

b. Dependent Variable: study achievement

Based on the table above, it is evident that the coefficient of correlation (r) value is 0.672 deaths and the value R Square h.452. Thus, the results of the SPSS count reveal that the determining coefficient value (r^2) is 0.452 or 45.2% which means 45.2% of the provision of student studies/the influence of the use of social media (X),

being that the remaining 54.8 percent are from other factors not analyzed in this research.

CONCLUSION

Based on the result of the research that used the SPSS program a version of 23.0, the writer concluded that the use of social media (X) significantly influences the provision of students/help studies in 2020 Cristal Private Secondary Education, where coefficients a correlation of 0.672 strong categories, and the result value analyzes the green regression equation indicates Y of $9,959 + 0.696X$.

Furthermore, the value of the t_{ura} 8.171 is greater than the value of 1.6634 table values and a level of 0.000 slightly less than 0.05, rejecting or rejecting the empty hypothesis and accepting or accepting the alternative hypothesis (Ia). The contribution of the use of social media to the provision of student studies amounts to 0.452 or 45.2 percent, and the remaining 0.548 or 54.8 percent is obtained by other factors. The results of existing research may thus suggest that if the learning process is going on in the master/attention is being paid to students who use mobile phones to use access to materials related to the learning material. At the same time, parents must co-opt the part of the school so that it is watched and controlled by children who use social media for learning needs.

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