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## The Effect of the Covid 19 Virus and Online Learning on English Subjects in Elementary Schools

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### Abstract

Elementary school is a medium used by the government to provide proper education for its people. With the existence of an elementary school, the community through education with various kinds of subjects that can be used as a basis so that the Indonesian nation can develop in the future with 6 years of compulsory education and 9 years of compulsory education Indonesia is good enough and illiteracy has begun to be eliminated by the existence of compulsory education, therefore a good education is education that can cover all corners of Indonesia and can be felt by all Indonesian people so that the Indonesian nation can become an advanced nation with education as the spearhead from Indonesia. Quantitative research is the method used in this study by emphasizing survey tools conducted to 100 people who were randomly selected in order to get very accurate data and real data in the field. Therefore, by using this method, the research can be continued so that it can find answers of the research problem raised. The variables studied in schools during the pandemic are online learning systems, offline learning systems and many more variables studied by researchers so they can find out which variables can affect the teaching and learning system in Indonesia, especially in the teaching and learning system in Indonesia. Elementary schools with these variables will be able to develop which things are good and which things are bad can be reduced. In this study will produce a data that has been processed on a system that uses SPSS tools. Therefore, with the processing of these data, it can be seen which variables affect elementary schools.

**Keyword:** Covid 19 Virus, Online Learning, English Subjects, Elementary Schools.

### I. INTRODUCTION

The offline learning system was still a polemic in June and July 2021 the minister of education Mr. Nadiem Makarim gave instructions for schools to reopen in July 2021 but with the development of the times the spread of the covid-19 virus was increasing [1], especially in big cities with the spread of the COVID-19 virus [2]. the offline learning system has begun to be unused because many parents are still afraid of their children coming to school and are afraid that their children will be exposed to covid19, the online and offline learning system is still a dilemma because the online learning system is still considered ineffective and students are still unable to study subjects to the maximum [3].

The problem raised in this study is that we want to know the variables that can affect elementary schools and can affect students [4]. With these variables, school development and student development can be known in the future. An example of the variables raised in this research is the covid 19 virus variable. and online learning system variables and English subjects with these three variables, can it affect elementary schools in providing lessons to students and whether students can be affected by the variables given in this study [5]. In this study using quantitative methods as the method used as the basis of research with quantitative methods, the making of questionnaires and distribution by random will be carried out to 100 people who were randomly selected with survey tools so this research will be able to find out accurate data so that the data can help research in the future [6]. In this study will produce a data that can find out whether the variables that affect elementary schools in the learning system with English subjects [7], so that by knowing the variables that influence it can be used as the basis for developing an online teaching and learning system [8].

Internet media is a medium that connects the whole world into one hand through a device called a smartphone [9]. With the internet media, those who were far apart will be very close together because they

can see directly the people we want to meet with video call media, for example, therefore there are many positives and negatives [10]. on this internet media, therefore proper use is one of the things that is indispensable in internet media. This is an example in learning and teaching media, therefore with the teaching and learning system it will be very helpful during the current pandemic [11]. E-learning media is a medium that has been developed for a long time but is very developed in this current era because with e-learning media students can learn and receive lessons from wherever they are [12]. Therefore e-learning media is the right medium during the current covid 19 pandemic With the existence of e-learning media, effective learning will be fulfilled and the teaching and learning system continues to run even though it is carried out from a far [13].

School is a place to study from when we are small until we are adults from elementary school to college [14], with a school we can learn and know new things that we have never learned before school is a medium and a place of maturation for some people with a school we can demand knowledge to the lowest strata [15]. Covid-19 virus is one of the viruses that greatly affects the world today with the covid-19 virus, all aspects of life are very influential from the economic aspect to the education aspect. With the covid-19 virus [16], education that was offline must be online due to face-to-face restrictions. what was done at a meeting at school with the covid-19 virus, the online learning system has been carried out for almost 2 years from 2020 until now [17]. The online learning system has existed for a long time but continues to grow during the current pandemic [18], why is the pandemic period carried out online because the spread of the covid-19 virus must be stopped and one of them is to replace meetings with one another with this restriction, the educational learning system is carried out online which is done remotely. Therefore, the online learning system is a very effective learning system in the current 19th era [19].

Elementary school is a school that is required for children at an early age with a 9-year compulsory education, so Elementary School is an important element for the life of the Indonesian people. become the basis and can be developed in future education [20].

## II. METHOD

Based on Figure 1 below, it can be seen that the research method used in this study is to use quantitative methods by conducting a survey to 100 people who were conducted randomly so that the actual data can be known after determining the quantitative method, the survey is one of the tools used. in order to be able to find definite or real data with a survey, research can be carried out and can produce real data and cannot be misused so that the data is certain and unbiased.



Fig 1. Research Method

## III. RESULT AND DISCUSSION

Based on the picture 2 below, it can be seen that hypothesis 1 is the covid 19 virus and English subjects to elementary schools, then the hypothesis is that two online learning systems and English subjects are for elementary schools, then hypothesis 3 is the covid 19 virus and online learning systems for schools basic.

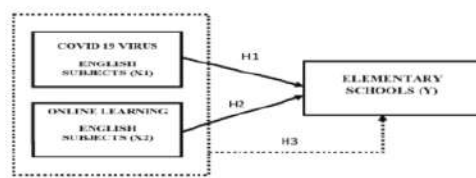


Fig 2. Hipotesis Model

**Table 1. Questions on the survey conducted on 100 people**

No	Questions	Variable
1	Covid 19 affects learning and teaching	X1
2	Covid 19 affects English subjects	X1
3	Covid 19 affects all aspects of life	X1
4	Online learning is the best medium for learning	X2
5	Offline learning is the best medium for learning	X2
6	Learning media must follow the development of the times	X2
7	English subjects must be in elementary school	Y
8	English subjects can't be online	Y
9	English subjects can't be offline	Y
10	English subjects must exist until higher education	Y

### 1. Multiple Linear Regression Analysis

#### a. Regression Equations

**Table 2. Recapitulation of the Results of Multiple Linear Regression Analysis**

Variable	Unstandardized Coefficients
Covid 19 Virus	2,117
Online learning	0,327
Elementary Schools	0,198

Source: The Results of Data Processing

Based on table 2 above, it will be explained that the regression equation of each variable is the covid-19 variable has a coefficient value of 2.117, the online learning variable has a coefficient of 0.327 and the elementary school variable has a coefficient of 0.198. Therefore, the linear regression is very connected.

#### b. Koefisien Determinasi (R<sup>2</sup>)

**Table 3. Correlation and Determination Coefficients**

Dependent Variable	Independent Variable	R	R Square	Adjusted R Square
Y	X1 & X2	0,9 28	0,112	0,312

Source: The Results of Data Processing

Based on table 3 above, it will be concluded that the coefficient of determination of the variables x1 and x2 is the covid-19 virus variable which has an r value of 0.9 and the X2 variable, namely the variable has a value of 28 and has an esculer of 0.112 by having 0.32. the coefficient of determination greatly affects the independent variable and the dependent variable.

#### c. Hypothesis Testing

##### c.1. Hipotesis I (F test / Serempak)

**Table 4. F / Simultaneous Test**

Dependent variable	Independent Variable	F Count	F Table 0,05	Sig.F	decision on H0
Y	X1 & X2	54,111	1,423	0,001	Ditolak

Source: The Results of Data Processing

Based on table 4 above, it will be explained as follows: the independent variables are x1 and x2 and the dependent variable is y and has a calculated F value of 54.111 and F table has a value of 1.423 and has a significant F 0.01 which results in a rejection of h0 meaning that it is in a positive direction. so hypothesis 1 results in the direction of the dependent variable.

##### c.2 Hipotesis II (t test / Parsial)

**Table 5. t / partial test results**

Variable	t	Sig.
X1	3,222	0,002
X2	5,212	0,002

Source: The Results of Data Processing

Based on table 5 above, it will be concluded that the t count of the variable x 1 has a value of 3.222 which has a significance of 0.002 and the variable x 2 has a t count of 5.212 and has a significant value of 0.002.

## 2. Discussion of Research Results

### a. Hypothesis Testing Discussion Covid 19 Virus Has a Significant Effect on Elementary Schools Partially (H1)

Based on the hypothesis H1 above, it will be concluded that the covid-19 virus has a significant effect on elementary schools and in English lessons. Therefore, he has a hypothesis that is in the same direction, covid 19 goes up, it will greatly affect elementary schools.

### b. Online learning has a significant effect on Elementary Schools partially (H2)

Based on the hypothesis H2 above, it will be concluded that the Online Learning has a significant effect on elementary schools and in English lessons. Therefore, he has a hypothesis that is in the same direction, Online learning goes up, it will greatly affect elementary schools.

### c. Covid 19 Virus and Online learning Have a Significant Effect on Elementary Schools Decisions (H3)

Based on the hypothesis H3 above, it will be concluded that the Covid 19 Virus and Online learning has a significant effect on elementary schools and in English lessons. Therefore, he has a hypothesis that is in the same direction, Covid 19 Virus and Online learning goes up, it will greatly affect elementary schools.

## 3. Descriptive Analysis

### a. Covid 19 Virus Variable of Using English subjects Variables (X1)

Based on the conclusion from the results of the data processing data above, it can be concluded that a Covid 19 Virus (X1) or the English subjects can determine the Elementary Schools (Y), very influential on the variables that have been determined by the existence of these variables, the direction of the research is in the same direction so it is very significant.

### b. Online learning Variable of Using Using English subjects Variables (X2)

Based on the conclusion from the results of the data processing data above, it can be concluded that Online learning (X2) can determine the Elementary Schools (Y), very influential on the variables that have been determined by the existence of these variables, the direction of the research is in the same direction so it is very significant.

### c. Elementary Schools Variable (Y)

Based on the conclusion from the results of the data processing data above, it can be concluded that the purchase of goods onli Elementary Schools is influenced by the Elementary Schools and Online learning, with the Elementary Schools, very influential on the variables that have been determined by the existence of these variables, the direction of the research is in the same direction so it is very significant.

## IV. CONCLUSION

Based on the research above, the authors conclude that hypothesis 1 (H1) is the covid 19 virus variable (X1), hypothesis 2 (H2) is the online learning variable (X2), the hypothesis (H3) is the learning system variable (X1, X2) is very has a significant effect on variable Y, namely elementary schools, which means if the covid 19 virus goes up, it will affect elementary schools, if the online learning system goes up, it will affect elementary schools, if the learning system goes up, it will affect elementary schools Elementary school variables can be affected by the covid 19 virus, online learning and learning systems. Future research by trying variables such as school distance, achievement, in order to know the variables that can affect significantly for elementary schools.

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