

## **The Influence of Intensity of Smartphone Use on The Social Interaction of Students**

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### **ABSTRACT**

The use of smartphones is currently very widely used in society, especially in social media and communicating with interlocutors using smartphone devices. However, despite all the advantages and convenience provided by smartphones, there are several negative impacts on their users, namely reduced face-to-face social interaction. This has resulted in reduced socialization, greetings and concern among the community, especially students at the Faculty of Psychology, Raden Fatah State Islamic University, Palembang. Therefore, the aim of this research is to find out whether there is a significant influence of the intensity of smartphone use on students' social interactions. This research method uses an experimental method with a research design using a one-group posttest design. The sampling technique uses a probability sampling technique, namely by taking 30 random samples of students from the class of 2021 population. The data collection technique uses a Likert scale questionnaire which has been distributed to respondents. The statistical data analysis technique uses the one sample t-test technique. The results of data analysis obtained a significance value (2-tailed) of 0.383, greater than 0.05, so the hypothesis and research objectives were accepted. So, it can be concluded that there is a significant influence of the intensity of smartphone use on the social interaction of students class of 2021, Faculty of Psychology, Raden Fatah University, Palembang.

**Keywords:** Smartphone, Social Interaction, Psychology Students

### **INTRODUCTION**

Industrial Revolution 5.0 has very rapid technological developments and will continue to develop in the future. Various types of technology have emerged providing very sophisticated features. Technology is an important

need today. One of them is making human work easier. So, technology is currently needed for various human purposes. Now technology is very easy to reach for everyone because the costs vary depending on the technological advantages offered.

Today's smartphones are the result of knowledge created by humans, of course with the development of human knowledge of technology. This greatly influences people's lifestyles, both in terms of thoughts and actions. Of course, with the help of technology, human activities can become easier and do not take up much time or energy. However, excessive use of gadgets has a big impact on the learning process and social interactions of early adults, especially for students. This is because the early adulthood phase is a process of searching for identity to find the purpose of life. This is reflected in students who go to college to achieve their dreams, make their parents proud, know their potential, and develop a better personality and become someone who is wise towards themselves. So, excessive use of gadgets can affect the quality of student learning, decrease social interaction with others because of the focus on social media, and can diminish the true goals in life as social beings.

Smartphone use can have positive and negative impacts on its users. An example of the positive impact is that it makes it easier for gadget users to communicate without incurring large costs and time. In contrast to previous communication media, communication or problem solving requires a lot of time. With communication facilities, we will use our time more effectively. However, you need to remember that not all gadget use has a positive impact, on the contrary, gadgets also have a negative impact on their users. A clear example in this modern era, humans sometimes forget the essence of themselves as social creatures, namely as creatures who need other people.

According to Novitasari (2016), he stated that social media allows people to have social interactions. especially for social relationships where communicating is not difficult. Only by using a gadget can someone interact and communicate with each other. Social interactions are relationships that occur in a dynamic or flexible social environment that relate to individuals, groups, or individuals to groups or vice versa (Elly & Usman, 2011).

Therefore, according to Soerjono (2010), he states that social interaction is a reciprocal relationship between individuals, groups, and individuals and groups. Simanjuntak (2005) stated that there are five possible impacts of cellphone use on social aspects. The first is addressed to the individual who uses it, whether he uses it wisely or not. Second, regarding communication interactions between individuals. Third, regarding direct face-to-face meetings. Fourth, it has an impact on community groups. Finally, the fifth is related to organizational systems and relationships within social institutions.

## **RESEARCH METHOD**

The method used in this research is the experimental method and uses a sampling technique, namely Probability Sampling. The design used by researchers is a one group posttest design. According to Sugiyono (2015:107) experimental research is research that is used to find the influence of independent variables on the dependent variable by controlling the conditions of secondary variables which can influence the dependent variable other than the independent variable. The population in this experimental research were students from the class of 2021, Faculty of Psychology, Raden Fatah State Islamic University, Palembang. The research sample consisted of 30 students who actively attended lectures. The core research sample consisted of 26 women and 4 men.

The data collection process carried out by researchers is by distributing questionnaires to students with the criteria of being active students in the psychology faculty at UIN Raden Fatah Palembang Class of 2021. There are several procedures for collecting data through questionnaires as follows:

- 1) Open the Google form link shared by the researcher.
- 2) Fill in personal data such as name, registration number, class and email.
- 3) Answer the 25 item questionnaire with the SS, S, TS and STS answer systems.
- 4) Send the completed answers after answering all items as a sign of the end of the data collection process.
- 5) Researchers processed the data using SPSS IBM 23 with the T-Test.
- 6) Researchers get results and conclusions from the T-Test.

RESULTS AND DISCUSSION

The purpose of collecting data analysis is to make comparisons using the T-Test. According to Azwar (2010a, p. 135), the analysis of differences between groups is intended to test whether the average price (mean) for a variable is different in one group from another. To test this, t-test analysis can be used.

This research focuses on the social interactions of students at Raden Fatah State Islamic University, Palembang, which can influence their intense smartphone use. The following are the results of the T-Test.

Table 1. One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Intensity of smartphone-30 social interactions		63.73	7.839	1.431

Table 2. One-Sample Test

Test Value = 65						
	t	df	Sig. (2-tailed)	Mean Difference	95% Confidence Interval of the Difference	
					Lower	Upper
Intensity of smartphone-social interactions	-.885	29	.383	-1.267	-4.19	1.66

Based on the results of descriptive analysis and the output table of t test results, the average posttest value = 63.73 with a sig value: .383 which means  $p>0.05$ . From the variables above, it can be seen that the results obtained have an influence on social interaction due to intense smartphone use. The students who make up the population in this study have different backgrounds but are in groups with the same education. Therefore, there are several external factors that influence the assessment results in this research.

The results show that the more often an individual uses a smartphone, the less social interaction they have in their life. In fact, humans, apart from being individual creatures, are also social creatures, which means they cannot live alone because they are used to communicating, interacting and so on. So when smartphone use is carried out intensively it tends to have a

negative impact on the individual and the surrounding environment. Therefore, awareness is needed from both interested individuals and those closest to them to make changes so as not to cause negative impacts.

## CONCLUSION

The conclusion of this research is that the results obtained from statistical tests using SPSS with data analysis techniques using the one sample t-test obtained a significance value of 0.383 which is greater than 0.05. In accordance with the objectives set by the researcher, the hypothesis given, namely "There is a Significant Influence of the Intensity of Smartphone Use on the Social Interaction of Students Class of 2021, Faculty of Psychology, Raden Fatah State Islamic University, Palembang" is accepted. The suggestion from this research is that it is hoped that the research results can be generalized to a wider population.

## BIBLIOGRAPHY

- Herimanto & Winarno. (2012). Ilmu Sosial & Budaya. Jakarta Timur: PT Bumi Aksara
- Kolip, Elly M Setiadi & Usman. (2011). Pengantar Sosiologi. Pemahaman Fakta dan Gejala Permasalahan Sosial: Teori, Aplikasi, dan Pemecahannya. Cet. II; Jakarta: Kencana.
- Novitasari, Wahyu. (2016). Dampak Penggunaan Gadget Terhadap Interaksi Sosial Anak Usia 5-6 Tahun. Surabaya: UNS.
- Sabekti, Ria. (2019). Hubungan Intensitas Penggunaan Media Sosial (Jejaring Sosial) dengan Kecenderungan Narsisme dan Aktualisasi Diri Remaja Akhir. Universitas Airlangga.
- Simanjuntak, F. E. (2005). Aspek Sosial Telepon Seluler. [www.kompasiana.com](http://www.kompasiana.com).
- Soekanto, Soerjono. (2010). Sosiologi Suatu Pengantar. Cet. Ke-43; Jakarta: Rajawali Press.
- Sugiyono. (2015). Metode Penelitian Kuantitatif, Kualitatif, dan R&D. Bandung: Alfabeta.
- Sugiyono. (2017). Metode Penelitian Kuantitatif, Kualitatif, dan R&D. Bandung: Alfabeta.
- Wardani. Naniek Sulistya. (2012). Asesmen Pembelajaran SD. Salatiga: Widya Sari Press.
- Yusuf, Adie Erar. (2020). Kedudukan Manusia sebagai Makhluk Sosial.