

How Appropriate is a Pedulilindungi in the Era of a Pandemic

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Abstract

This study aims to determine how appropriate the PeduliLindungi application is in the pandemic era. One of the most discussed topics is whether the PeduliLindungi application helps to prevent covid and whether the PeduliLindungi application helps the government. Based on a questionnaire that I made about the comparison of people's satisfaction using the PeduliLindungi application. Which was responded by students majoring in English education academic writing courses. With the number of respondents as many as 8 people. That most people agree that the PeduliLindungi application is very important and helps the government to eradicate covid. This is the result of data where students answer that this application is important to prevent covid and 87.5% agree and 12.5 percent answer disagree.

Key words: Application, Covid19, Tracing

INTRODUCTION

Corona virus or severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is a virus that attacks the respiratory system (Ahluwalia, 2020; Guru et al., 2021; Surahman et al., 2014). The disease caused by this viral infection is called COVID19 (Ariesta, W., Aina, M., Uslan, S. K., & Aminatun, 2021; Isnain et al., 2021; Nabila, Isnain, et al., 2021). Corona virus can cause mild disorders of the respiratory system, severe lung infections, and even death (Fahrizqi et al., 2021b; Melyza & Aguss, 2021; Utami et al., 2021). Severe acute respiratory syndrome coronavirus 2 (SARSCoV-2), better known as the Corona virus, is a new type of coronavirus that transmitted to humans (Nani et al., 2021; Panganiban1 & Madrigal, 2020; Syaifulloh & Aguss, 2021). This virus can attack anyone, be it babies, children, peopleadults, the elderly, pregnant women, and nursing mothers (Fatimah et al., 2021; Maskar et al., 2021; Tuhuteru, 2020).

Coronavirus is a collection of viruses that can infect the respiratory system (Mastan et al., 2022; Oktaviani, 2021; Susanto & Puspaningrum, 2019). In many cases, this virus causes only mild respiratory infections, such as the flu (Isnain et al., n.d.; Nabila, Rahman Isnain, et al., 2021; Sari & Oktaviani, 2021a). However, the virusit can also cause severe respiratory infections, such as lung infections (pneumonia) (Liu et al., 2020; Oktavia & Suprayogi, 2021; Sohrabi et al., 2020). In addition to the SARS-CoV-2 virus or Corona virus, viruses that are also included in this group is the virus that causes Severe Acute Respiratory Syndrome (SARS) and the virus that causes Middle East Respiratory Syndrome (MERS) (Aldino et al., 2021; Nuraziza et al., 2021; Rahman, 2021). Although caused by viruses from the same group, namely coronavirus, COVID-19 has several differences with SARS and MERS, between others in terms of speed of spread and severity of symptoms (Aminatun et al., 2021; Gumantan et al., 2021; Saputra & Pasha, 2021). Indonesia is still struggling with the Corona virus until now, the same as other countries in this world (Fernando et al., 2021; Pramita et al., n.d.; Suwarni & Handayani, 2021). The number of Corona virus cases continues to grow with some reporting healing, but not a few who died. Treatment and prevention efforts continue done to fight COVID-19 with flu-like symptoms (Ikhwan et al., 2022; Nadir et al., 2021; Rachman & Pramana, 2020). Corona

virus cases are known through a mysterious disease that paralyzed the city of Wuhan, China (Arpiansah et al., 2021; Fadilah & Kuswoyo, 2021; Fitri et al., 2021). The tragedy at the end of 2019 continues until the spread of the Corona virus is endemic throughout the world. Deployment method This virus is very fast and has spread to almost all countries, including Indonesia within a few months (Ahdan et al., 2021; Sari & Oktaviani, 2021b; Styawati, StyawatiStyawati, S., & Ariany, F. (2021). Sistem Monitoring Tumbuh Kembang Balita/Batita di Tengah Covid-19 Berbasis Mobile. J. Inform. Univ. Pamulang, 5(4) & Ariany, 2021).

So in this case the Indonesian government through the Ministry of Communication and Information Technology (Kominfo) has developed a Care for Protection application based on android which can be downloaded freely by the community to help deal with the spread of the Corona virus is getting more and more rampant day by day. This paper will be discussed, related to procedures for using the Peduli Protect application, it has a tracking application feature that can detect movements exposed to Covid-19 for the past 14 days. Based on the results tracking and tracing, the public will receive a warning to immediately implement the protocol health if there are Covid-19 positive patients in the vicinity.

LITERATURE REVIEW

To monitor community activities in public spaces, especially during the Covid-19 pandemic, the government implemented a Safe Entrance system using a QR Code scan through the PeduliLindung application. PeduliLindung is an application developed by several government agencies, including the Ministry of Health and the Ministry of Communication and Information. This app is part of an effort to track and stop the spread of the Corona virus (Fahrizqi et al., 2021a; Rizki & Aguss, 2020; Suaidah, 2021). This system is also integrated with the DKI Jakarta Provincial Government's JAKI application. In line with the implementation of Community Activity Restrictions (PPKM), the Safe Entry system was then implemented in several public spaces in the capital, such as shopping centers. So, how does this scanning system work?

Usually, users will be notified when their smartphone is ready to be paired, either with their wireless earphones or someone else's smartphone that uses Bluetooth (Borman et al., 2020; Oktaviani et al., 2021; Sulistiani et al., 2020). However, it's possible they won't receive such a notification if they aren't using the latest version of the Bluetooth app. When the malware is successfully delivered to a smartphone, the owner's confidential information, such as bank account details, passwords, and credit card details, will be compromised. Therefore, before downloading the PeduliLindung application, users activate the automatic update option on their smartphone, which allows their application to be updated immediately whenever there is an internet connection via a cellular network or WiFi (Wahyuni et al., 2021; Wantoro et al., 2021). "Perhaps PeduliLindung can check whether the user's Bluetooth has been updated or not and warn them about it," he said, adding that the application should also add value to its users by providing more information, including about the spread of the corona virus. PeduliLindung is "highly safe from phishing and malware" because it uses a layered security system and has been reviewed by the Apple App Store and Google Play store. Phishing is a cybercrime through which a person's personal information can be obtained; usually by email.

METHOD

This study used qualitative research methods. The purpose of this study is to find out how appropriate the PeduliLindung application is in the pandemic era. The study involved is

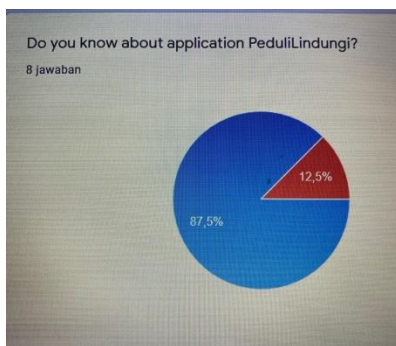
English Language Education students (academic writing). This research was conducted at the Indonesian Technocrat University, majoring in English Education. Participants were surveyed through a questionnaire distributed online via a Google Surveys link (Google form). Students were asked about whether the PeduliLindung application is important in this pandemic era. 40 students from the English education department participated. The distribution of participants was 8 people from the Indonesian Technocrat University (UTI) which consisted of 1 class.

RESULTS AND DISCUSSION

Based on the questionnaire I made about How appropriate is a PeduliLindung in the era of a pandemic. Which was responded by students majoring in English education academic writing courses. With the number of respondents as many as 8 people. That most people agree that the PeduliLindung application can help the government to prevent covid.

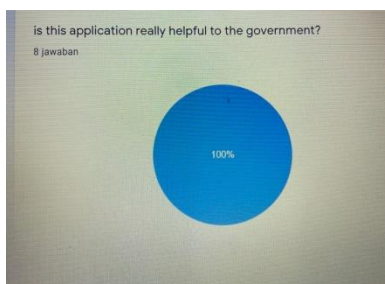
This is the result of the first data where students answered that 87.5% knew about the PeduliLindung application and 12.5% did not know about the PeduliLindung application.

Chart 3.1



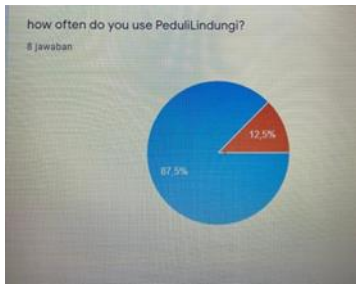
This is the second data result where students answer that the PeduliLindung application is very helpful for the government and those who answer are very helpful for the government 100%

Chart 3.2



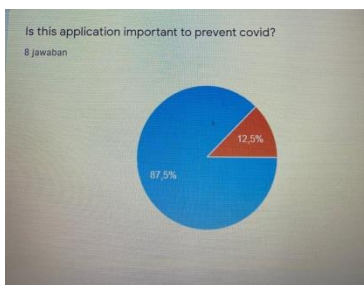
This is the third data result where students answer that how often they use the PeduliLindung application. Where 87.5% of people answered "always use". 12.5% of people answered "rarely"

Chart 3.3



This is the fourth data result where students answer that the PeduliLindungi application is very helpful for the government. Where 100% of people answered "agree" and no one said they did not agree.

Chart 3.4



Based on the research and the results of the questionnaire that I gave. The average English education student knows more about the PeduliLindungi application in this modern era because if we go to the mall, we must show the PeduliLindungi application. But sometimes there are also things that make people lazy to use this application, review applications on the Apple and Google application stores, ID-IGF sees that the complaints are generally related, including frequent application errors due to high users, the battery runs out quickly because GPS must be active 24 hours, re-login continuously -continuously by entering NIK. I think the PeduliLindungi application must improve the application architecture design so that it can optimally take advantage of the Software Development Kit (SDK) features by implementing a comprehensive DevSecOps standard method," said ID-IGF and ID-IGF also encouraged that GPS does not need to be active 24 hours, instead given four options, namely use once, when used, always on, and refuse activation. So that customers are not disappointed who have downloaded the PeduliLindungi application. Considering that there are quite a lot of fans of the PeduliLindungi application and are in great demand by adults and parents because this application is mandatory for Indonesian people who want to travel. The second sees the shortcomings of PeduliLindungi, namely PeduliLindungi's privacy policy does not guarantee data security in the event of illegal access. I think PeduliLindungi should try to do better to maintain the confidentiality of the data and security because data security is very important. So that in the future PeduliLindungi will be increasingly in demand by customers. Considering that there are quite a lot of fans of the PeduliLindungi application and they are in great demand by adults and parents alike. And previous research also shows that the results of the Indonesian people agree that the PeduliLindungi application is very helpful for the government to assist relevant government agencies in tracking to stop the spread of Coronavirus Disease

(COVID-19). this can be seen from previous research as well as research that I have just researched. The advantage of the similarity of previous research with the research I made is that most people agree that this application is very important to help the government to stop covid in Indonesia.

CONCLUSION

So the conclusion is that most people know the PeduliLindung application and they believe that the PeduliLindung application can help the government reduce covid and almost all of them who often use the PeduliLindung application because in the pandemic era everyone must have the PeduliLindung application. My advice for PeduliLindung is to improve its security system because it is very important for PeduliLindung application users.

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