

INTRODUCTION

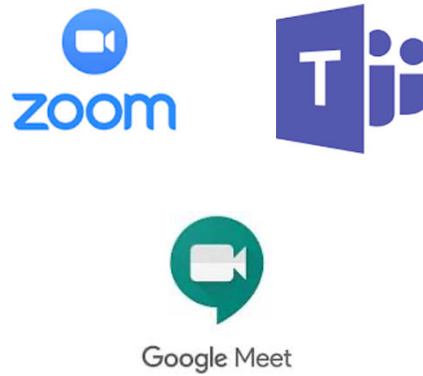


Fig. 1. Video Conference Application

Covid-19 virus has become a global problem since it's outbreak on December 2019 at Wuhan Province [?], and it is already decided as a global pandemic [?]. It causes numerous setbacks in many sectors, such as economy, social, politics, and the most importantly, education. Therefore, every government around the world must come out with certain solutions regarding to the issue – whether it's long or short term—to make sure everything could run accordingly with slight shifts along the way considering there should be a massive social distancing to flatten the virus spread curve. There are multiple temporary solution came out to the public, such as the race of technology usage in many sectors. One of the example is to make people to work remotely, with the help of internet connection.

In the current education sector, there are also major changes. One of them is the full use of cloud-based video conferencing applications or sites or other online learning sites in the teaching and learning process to reduce physical contact between lecturers and students. The video conference application is an attempt to optimize the distance learning system [?]. Maximizing the benefits of using video conferencing applications will save costs and time. Online learning is considered to be the only medium for delivering material during the current pandemic emergency. Online learning is learning that uses an internet network with accessibility, connectivity, flexibility, and the ability to generate various types of learning interactions [?]. Online learning has not only just been implemented after the pandemic, but online learning has become a world demand since the last few years [?].

There are three concerns in this research. Firstly, to explain how the video conference application able to elevate the efficiency of learning. Secondly, to explain the issues of online learning. Thirdly, to explain the effectivity of online learning method which in this research, involves the university students across Jakarta and Bandung area. This is a fascinating research since there would be certain issues could be found, considering of the sudden alteration of learning method in most University in Jakarta and Bandung due to the global pandemic situation which able to lead into the decline of learning effectivity. This writing was made to give a comprehensive explanation towards the effectivity of online learning for university student across Jakarta and Bandung area through non-parametrical statistic analysis and categorical data using Chi-Square test. Researcher also gave the comprehensible explanation into the issue with theoretical, advantage, and also disadvantages approach, and lastly could lead to a certain suggestion in order to elevate the effectivity of online learning in short and long term range, especially in this pandemic situation.