

## THE IMPACT OF GOOGLE EDUCATION SUITE AMIDST THE PANDEMIC: THE NEW NORMAL APPROACH

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### ABSTRACT

The Education system in the Philippines was greatly affected by the deadly pandemic – Novel Corona Virus which transcends all our sectors into highly ICT Based enabled sector by using different technological platforms just to continue in their workforce. As part of the challenge in the new normal we are facing right now is the availability to double the services like the increase of bandwidth requirements because of the Distance Education being implemented in all higher education. The researcher is proposing a study to minimize network traffic and slowdown of internet connections and video conferencing by using an alternative platform which can minimize the usage of internet bandwidth. In terms of the video-conferencing classroom platform, it is highly recommended to use another source or tools that can be used in online learning, which is by using the upgraded requirements.

**Keywords:** Distance Education, ICT, Google Education Suite

### INTRODUCTION

The Education system in the Philippines was greatly affected by the deadly pandemic – Novel Corona Virus which transcends all our sectors into highly ICT Based enabled sector by using different technological platforms just to continue in their workforce. Internet bandwidth is the most common issues encountered by most students using asynchronous distance education right now. Other students are complaining that their interconnectivity is getting slower every time they met in their online classes. Google Suite Education is a powerful Web 3.0 collaboration and communicating tool that can strengthen Online Learning Education in supporting students to enrich specific 21st century skills which may includes effective self-directed learning skills, problem based solving and critical thinking skills, (Sriphong, 2019)The government doesn't allow the educational sector to conduct face to face mode and as part of the challenge in the new normal we are facing right now is the availability to double the services like the increase of bandwidth requirements because of the Distance Education being implemented in all higher education. Online Education using G-Suite for Education shows students could follow online learning strategies, in the delivery of the course material and or assessment of learning outcomes in every module, (Alsheikh-Ali et al., 2011).The researcher is proposing a study to minimize network traffic and slowdown of internet connections and video conferencing by using an alternative platform which can minimize the usage of internet bandwidth like Google

Suite which emerge significantly mostly from work from home set up because the licensing is free and can lessen bandwidth and network issues also unlike Zoom applications it requires more bandwidth usage.

**OBJECTIVES**

1. To determine which is better zoom or Google suite in terms of the following:
  - 1.1. Speed
  - 1.2. Security
  - 1.3. Reliability
  - 1.4. Setup
  - 1.5. Pricing
  
2. To determine the level of the perceptions of Zoom and Google Suite.

**METHODOLOGY**

The Researcher had used a qualitative research design and had distributed a questionnaire using google form in private and public institution as well as industry sector. Respondents of the study were the selected employees and academicians in selected private and public institution. Data Analysis was conducted right after the Online Google Survey, this is to check results of the study.

**RESULTS AND DISCUSSIONS**

Determine which is better zoom or Google suite:

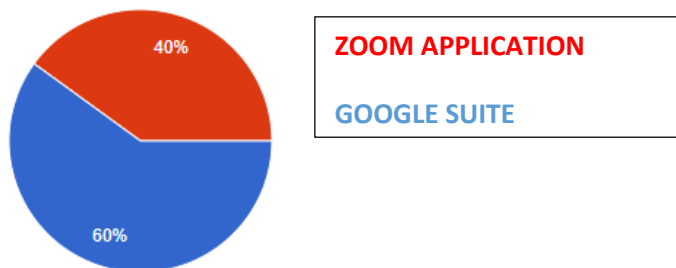


Figure 1: it only shows that 60% is using Google Suite rather 40% are using Zoom Application in Online Classes because they consider the performance and it is cheaper comparing to zoom in terms of pricing.

In terms of preferences using Zoom:

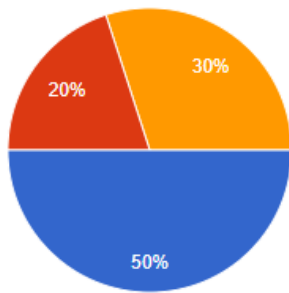


Figure 2: Shows that there are 50% who suggested that zoom is more faster rather than Google Suite. In terms of Security there are 20% and 30% reliability are the most preferred choices of the users using Zoom Application.

In terms of preferences using Google Suite:

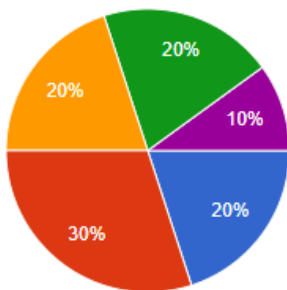


Figure 3. Shows that that there are 30% who selected Google suite as a secured platform rather than Zoom while 20% also selected in terms of security, reliability and Setup and in terms of pricing it is 10% because you can use it for free.

### CONCLUSIONS AND RECOMMENDATIONS

Based on the concluded study majority of the users preferred to use Google Suite, specifically using Google meet in terms of the Speed, Security, Reliability, Setup, and Pricing. In which Google Suite can be used in many ways for document uploading, calendar usage, and most likely linking the schedule of classes in calendar connecting to google meet. Other results also showed that using Google Suite for Education in learning was found to be more knowledgeable in terms of valuing the role of ICT., (Insani et al., 2020). Google meet can only use a small amount of bandwidth during online video conferencing class and it saves more bandwidth speed.

It is highly recommended to use Google Suite rather than Zoom Applications because of its performances in terms of the following Speed, Security, Reliability, Setup, and Pricing. Teachers and students in other university also desires to work collaboratively using interactive and easy-to-manage tools for improving their learning process using Google Suite., (Mahapatra et al., 2017, p. 277) Further studies are really needed in order to perfect the whole processes.

Other users show their enthusiasm of learning the 21st century skills using Google suite., (Wijayanti et al., 2020).

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