



TITLE OF RESEARCH PAPER IN TIMES NEW ROMAN FONT: SIZE-18 POINT, BOLD, CAPITAL LETTERS, JUSTIFIED PARAGRAPH.

First Author¹, Second Author², Third Author³ in Times New Roman font: size-12 point, justified paragraph (Maximum of 6 Authors)

¹*Institution, the country in Times New Roman font: size-11 point, italic, justified paragraph*

²*Institution, country*

³*Institution, country*

*Corresponding author email: xxx@xxx.edu.my in Times New Roman font: size-11 point, italic, justified paragraph

Abstract. The full paper should be submitted in Microsoft Word format. An abstract is a single paragraph, without indentation, a compendious summary of a paper's substance in 150 to 300 words, including background, purpose, methodology, results, and conclusion. The main text for abstract/summary used Times New Roman font, size-11 point. Type or paste your text into this file but remember to keep the margins the same as is set here which is 2.54 cm all round. The paragraph is justified (straight-edged) on both left and right. Use single line spacing. Do not insert figures or include references in the abstract/summary. The abstract can be in English, Malay or Arabic.

Keywords. Single, Paragraph, Summarizes, Words Indentation (maximum of five words)

INTRODUCTION

Globally, the teaching-learning process is evolving rapidly from a traditional classroom environment to a mixture of traditional plus online learning. Cheap and widespread availability of devices such as smartphones and laptops, together with various applications like YouTube, Facebook, WhatsApp, etc. is changing the way people live, communicate with each other, and even their educational habits [1]. Although the concept of online learning is not new, especially after the popularity and widespread success of the MOOC's (Massive Open Online Courses) like Coursera, EdX, and Udemy among others, yet they have never been used as the primary mode of teaching [2],[3]. The onset of the COVID-19 pandemic has seriously affected all types of learning institutes globally starting from kindergartens, schools, colleges to the centers of higher education. To curb the spread of the virus by flattening the "growth curve" strict measures of social distancing are in place globally, which has in turn resulted in the physical closure of all types of learning institutes. This has forced the educational institutes worldwide to resort to an "online only" exclusivity model for the purpose of teaching and learning. To use this "Old Style Equation" as a "template," highlight the entire line, then use cut and paste to the new location. Note that the equation number will automatically update (increment).

$$\sigma = \sigma_o \exp\left(-\frac{E_a}{k_b T}\right) \quad (1)$$

METHODOLOGY

For the purpose of data collection, Microsoft Teams is chosen to be the reference online learning platform. The duration of the online classes lasted from 1st March 2020 to 30th June 2020 (around 3 months). After this period, an online survey was conducted from 5th July 2020 to 12th July 2020 for collecting the information. The questionnaire was distributed using Google Forms. The questionnaire was developed based on a research model adapted from a study conducted by [1] and presented in Figure 1. Table 1 shows selected variables and parameters apply in this present work.

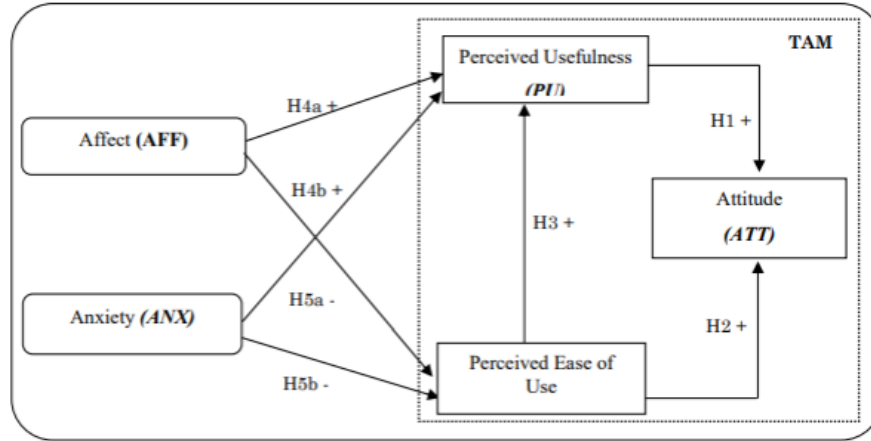


FIGURE 1. Research Model.

TABLE 1. Selected variable parameters and levels.

Factors	Level	
	Minimum	Maximum
A	25	65
B	220	260
C	46.74	56.74
D	25	40

RESULTS AND DISCUSSIONS

In case of SUS the participants gave their ratings on a 5-point scale, whereas for TAM ratings were obtained on a 7-point scale. Since different scales are used therefore to begin with both the SUS and TAM ratings are converted to a uniform score ranging from 0 to 100. In case of SUS to begin with each item's score contribution is calculated, which ranges from 0 to 4. For the positively-worded items (1, 3, 5, 7 and 9), the score contribution is the scale position minus 1, whereas for the negatively-worded items (2, 4, 6, 8 and 10) the contribution is 5 minus the scale position. These findings corroborate with the trend reported in a previous study conducted by various researchers [1]-[4]. To get the overall SUS score the sum of the item score contributions is multiplied by 2.5. Therefore, SUS scores range from 0 to 100 in steps of 2.5 points..

CONCLUSION

In this work, we presented the perceived usability of Microsoft Teams taking it as a reference for the online learning platform in times of the COVID-19 pandemic. For measuring the perceived usability both HCI and IS based approaches are used by taking the SUS and TAM instruments as the baseline measurements respectively. The results show that:

- Both the approaches give identical results, and we can conclude that SUS as well as the TAM scores are indicative of the likelihood to recommend and the overall experience obtained after using Microsoft Teams.
- The use of SUS and PEOU in the regression models interchangeably without any significant changes in the weight of the β coefficients or the variance explained indicates that SUS and PEOU are metrics that



are developed independent from each other, yet both of them measure the same concept of perceived usability.

- The effect of the consumption platform is found to be not significant for measuring the perceived usability, despite the fact that screen real estate for laptops is at least double when compared to smartphones.

ACKNOWLEDGEMENTS

The authors acknowledge Department of Chemistry, Department of Biology and Department of Physics, Centre for Foundation Studies, International Islamic University Malaysia. Special thanks to those who contributed to this project directly or indirectly.

REFERENCES

- [1] J. F. Hair Jr, L. M. Matthews, R. L. Matthews, and M. Sarstedt, "PLS-SEM or CB-SEM: updated guidelines on which method to use," *Int. J. Multivar. Data Anal.*, vol. 1, no. 2, pp. 107–123, 2017.
- [2] R. McHaney, *The new digital shoreline: How Web 2.0 and millennials are revolutionizing higher education*. Taylor & Francis, 2023.
- [3] J. Fabus, M. Garbarova, and L. Vartiak, "Comparative Analysis of Platforms for Creating Massive Open Online Courses," in *EDULEARN22 Proceedings, IATED*, 2022, pp. 2887–2891.
- [4] M. Perifanou and A. A. Economides, "The landscape of MOOC platforms worldwide," *Int. Rev. Res. Open Distrib. Learn.*, vol. 23, no. 3, pp. 104–133, 2022.

All Referencing must be in Times new Roman, Font Size 10
Referencing from Journals

Author Names, Journal Names, volume, pp. page number, year.

Example :

- [1] J. F. Hair Jr, L. M. Matthews, R. L. Matthews, and M. Sarstedt, "PLS-SEM or CB-SEM: updated guidelines on which method to use," *Int. J. Multivar. Data Anal.*, vol. 1, no. 2, pp. 107–123, 2017.

Referencing from Conferences / Symposium / Seminar / Proceedings

Names of authors in Proceeding's name in full (*italics*), year, pp. page number

Example :

- [1] C. Kinlin, "The Future of Asian Optical Communication" in *Conference on Optical Fiber Communication & Optoelectronic Exposition & Conference*, 2006, pp. 1-3.
- [2]. A. Mansor, Y. N. Phua, M. Othman, Nurul Shahrizan Shahaduddin and Z. Yusoff, "Double-Frequency Spaced Multiwavelength Brillouin-Erbium Fiber Laser in a Hybrid Linear-Ring Configuration" in *IEEE International Conference on Photonic*, 2011, pp. 1-3.

Referencing from Patent

Authors name, Name of patent with patent number, year (in bracket)

Examples

- [1] M. Effendi and G. Fethullah, U.S. Patent No. 5692966 (2010)

Referencing from Theses / Books / Reports

Names of authors, Book's / Thesis / Report name in full Region/Country. Publisher, Year

Examples.

- [1] H. A. Keukonhoeff, *Methods in Applied Computing*. University of New York, 2014.
- [2] R. McHaney, *The new digital shoreline: How Web 2.0 and millennials are revolutionizing higher education*. Taylor & Francis, 2023.



Referencing from online websites/portal/recognizable or reputable blog

Please write down as below examples ;

1. Information on <http://worldofscience.com.my/aboutchemistry.html>
2. Information on www.computingbasic.com.html

NOTE:

- Please make sure all pictures/graph are clear and readable.
- Do not insert page number for all manuscript.
- Maximum number of pages: 10 ONLY (Recommended number of pages for proceedings is 4-6, whereas journal publication can be up to 10 pages).

