Needs Analysis of Using Tiktok Applications as an Alternative in Music Teaching and Learning

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Abstract

The current directionof education is changing towards digital education, known as information and communication technology (ICT). Educators can choose the right digital platform to use as a teaching aid among media that has a place among Generation Z, one of which is TikTok. Nevertheless, from several selected platforms cannot be separated from the inherent consequences and challenges. This study aims to discuss the use of Tiktok in the music learning process, both as a teacher and a student. The research method used is qualitative analysis to get an in-depth understanding of the use of Tiktok, which focuses on music knowledge. The results of this study show the advantages and disadvantages of using the Tiktok application in Music Education.

***keywords**: tiktok, music education; digitization; 21st century education; heutagogy.*

Abstrak

Arah pendidikan saat ini berubah ke arah pendidikan digital, yang dikenal dengan teknologi informasi dan komunikasi (TIK). Pendidik dapat memilih platform digital yang tepat untuk digunakan sebagai alat bantu mengajar di antara media yang memiliki tempat di kalangan Generasi Z, salah satunya adalah TikTok. Namun demikian, dari beberapa platform yang dipilih tidak lepas dari konsekuensi dan tantangan yang melekat. Penelitian ini bertujuan untuk membahas tentang penggunaan Tiktok dalam proses pembelajaran musik, baik sebagai guru maupun siswa. Metode Penelitian yang digunakan yaitu analisis kualitatif guna mendapatkan pemahaman mendalam terkait penggunaan Tiktok, yang berfokus pada pengetahuan musik. Hasil penelitian ini menunjukan kelebihan dan kekurangan penggunaan aplikasi Tiktok dalam Pendidikan Musik.

Kata kunci: tiktok, pendidikan musik; digitalisasi; pendidikan abad ke-21; heutagogi.

Introduction

In a review of the guidelines of the Malaysian Education Development Plan 2013-2025 includes a seventh shift, one of the shift needs in education is concerned with the usage of ICT, where it was stated that the use of ICT should be widely utilised to improve the quality of learning in Malaysia. Furthermore, the pattern of education in today's world is towards the use of technology and digital as well as the adaptation of methods and approaches in teaching and learning (Muñoz-Suárez et al., 2020). This can improve the quality of education and teaching and attract students' interest and focus on learning (Mark & Madura, 2013).

The use of digital media is also known as online learning. This learning can foster distance learning, such as using YouTube and the Sibelius music notation application (Sinaga et al., 2019).This situation also indirectly gives the impression that what is around us can be used to create positive ideas (Bates et al., 2020). From a different angle, the existence of information technology and social media can also expand the network and become a medium to brand the identity of a musician or his work (Lasauskienė & Rauduvaitė, 2015). Many social media applications can be used as a teaching and learning medium, one of which is TikTok (Mendonça, 2022; Vizcaíno-Verdú, 2022). The TikTok application can be used as a handy educational tool among students and educators, but it depends on how this application is used and managed (Escamilla-Fajardo, 2021). TikTok is no longer an application that only serves entertainment but many sharing related to education, health, religion, and politics (Calvo, 2022; Fiallos, 2021). From different angles, social media can be used for four purposes: amusement, socialization, information acquisition, and education (Huang, 2022). Among the digital ideas in online music learning, as suggested by Mohd Ramli et al., such as E-Learning playing techniques in gamelan ensembles. This concept can also be applied to other applications, such as the one that is the focus of this article, the TikTok application (Al-Khasawneh, 2022).

The Tik Tok application has full digital features and a variety of exciting content. Based on previous research, and statistical data collected by (Daphne Cheah, 2020), there are as many as 4 million Tiktok account users in Malaysia, and the average age is from 16 to 24 years old. These statistics clearly show how familiar the relationship between teenagers is with social media and technology. The Tik Tok application has 800 million monthly active users worldwide. Therefore, this Tik Tok application is very trending and viral. It is very suitable to be used as a teaching and expansion material focusing on children and teenagers. Past studies have also shown that generations Y and Z are the groups affected by the rapid development of technology until now (Vizcaíno-Verdú, 2022). These people are called 'digital natives. This is because the majority of this group has a personal mobile phone and spends time using it at least 3 hours a day (Ganos, 2021).

Returning to the topic of the Tiktok application, which is very hotly talked about until today, in Malaysia itself, there has been a movement that shares about education which is an education campaign using #TikTokGuru. Some teachers in Malaysia have been recognised by the company that owns the TikTok application and at the same time paid their salaries for becoming a content creator". For example, an English teacher working at Long Ghafar Secondary School 2, Kota Bharu, Kelantan, known as Sir Asai, is top-rated and has a total of 717.5 thousand followers on his TikTok account. He made the Tiktok platform for sharing knowledge of English in terms of grammar, pronunciation, and how to construct sentences in

a relaxed but compact and concise manner with expertise. He thinks today's young people are more interested in learning that is simpler but focused on one topic and delivered excitingly through short videos sourced from Harian Metro. According to Ms Halimi's sharing in her #Tiktok Untuk Pendidikan webinar, this TikTok is "effortless content creation," sharing interesting videos easily without requiring high editing skills.

For example, in the context of music education, students can find guitar music games played by guitar players from all over the country in terms of playing methods, presentation techniques, and other related sciences. The context of this writing focuses on the analysis of the need to use the social media application TikTok as an alternative to teaching and learning music, in addition to implementing the use of ICT technology outlined in the Malaysian Education Development Plan 2013-2015. The question that appears in the production of this article revolves around opinions on the use of TikTok and its advantages in music education.

Blended learning strategies can adjust other educational alternatives, teaching, and learning methods. The world of education is now more driven toward e-learning, and it is not an easy task to change the transition between face-to-face musical instrument learning with online learning. However, this blended learning strategy provides many facilities and can save the teacher time and time to discuss with students (Arshad et al., 2022).

Method

This study was conducted by analysing the documents related to the title of this article. Document analysis is a systematic method of examining and evaluating a document, whether it is a printed or electronic document (Dervin & Dyer, 2016; Kirkman et al., 2022). Examples of printed copies that can be analysed are textbooks, biographies, newspapers, diaries, and journals. While for electronic records such as email and information from the internet. The analysis of this document was conducted to find information and supporting data to identify the needs of learning music using the social media application TikTok. The papers used in writing this article are in the form of article searches by previous studies and newspaper excerpts on the internet, as well as videos from the related Tiktok application. It is because it is easy to find and access and can save time.

Five things are emphasised in the selection of articles, newspaper excerpts, and videos. First, the document selected should be related to the title of this article, which is the use of the social media application TikTok as alternative learning in music education. However, there is one article that was selected where it explains the use of the Tiktok application in the subject of English. In this regard, some information and data can be used. Therefore, the article was chosen to help analyse the needs of the title of this article. The selected documents should support the research topic in this article's writing without changing the research's primary purpose (Costello et al., 2017; Dervin & Dyer, 2016).

Meanwhile, the videos analysed from Tiktok are videos related to learning music. The second is that the document must have information that can answer the questions in this study that must be observed. These can give the readers an idea of the process of understanding and finding answers to the needs of using the Tiktok social media application. Third, the document should have additional information, data, and views that can contribute to the reader's and writer's knowledge database. Fourth, the selected document should be relevant and up-to-date. Therefore, the selected articles are from 2020 until 2022 because

the data and information related to the Tiktok application are still relevant and can be used for needs analysis. Tiktok is an application that can be counted as having just gone viral in the year 2020. Lastly, the selected document is a search source on the internet through newspaper news and related articles, as well as video analysis and functions from the Tiktok application related to teaching. And learning music.

Result and Discussion

Acceptance and Views on The use of Tiktok Application in Teaching

Data regarding the acceptance and views of the use of Tiktok in teaching are obtained from document analysis as follows:

Table 1. Findings from Newspapers and websites about TikTok.

Type of Document	Tittle	Findings
Utusan Malaysia, 2020	TikTok sebagai medium Pendidikan	Changing the medium of Education in line with current technological development is necessary to attract the new generation's interest. Here are popular Tiktok users: • @ticerfaa - 62700 followers
Harian Metro, 2021	TikTok Jadi platform baharu masyarakat timba ilmu	The video content features simple and creative learning methods packed with facts. Here are popular Tiktok users: • @sirAsai - 723000 followers • @sirsyahmi92 - 644400 followers • @amamijan - 1.1 Million followers
Sinar Harian, 2021	PdPR: Guru guna TikTok dan Youtube tarik minat 2021	Using digital platforms in education can prevent students from feeling tired and tired when following teaching and learning sessions at home. The video content features the method.
Utusan Timur, 2021	TikTok jadi platform baharu masyarakat timba ilmu	The use of the Tiktok application as a space for sharing various knowledge not only benefits the students but also the general public of many races, regardless of age and background.
Astro Awani, 2021	Guru juara digital MDEC guna TikTok dalam PdPR	The Tiktok workshop organised by MDEC shows that using the TikTok application has excellent learning potential. • @cikguhalimi - 487000 followers

Through Table 1 above, the use of the Tiktok application as an alternative in teaching and learning gained a place among the services in Malaysia. The findings also show that the Tiktok application is effective in helping students learn something more excitingly and

globally. It can also be proven from Tiktok account followers and education-related searches. Each teacher mentioned in the data provided also attached the number of their followers in the Tiktok application.

Learning Music Through Social Media on The Tiktok Application

According to a reference source obtained from the internet, Wikipedia, the TikTok app is a Chinese social network owned by ByteDance that was launched in 2017 for iOS and Android users in markets outside of China (Boffone, 2021; Syarifuddin, 2022). This application allows users to make or measure lip-sync videos 3 to 60 seconds long. According to Darren 2021, TikTok "Short-Form Videos" are short videos that last from 3 seconds to 3 minutes. It is a short, concise video. The continuity of music learning using media can be seen from the quote by The Association for Education and Communication Technology (AECT), stating that media is a form and channel used to process information. It can be manipulated, seen, heard, read, and discussed in one-activity. Therefore, it can be concluded that learning activities using social media is a communication process that involves the receiver of information (students) with the source (Tiktok content) through the Tiktok application. The media is a tool for communicating and delivering creative teaching information to teachers and students. It is more interesting, effective, and productive. Productivity can be seen from various angles; through the TikTok application, learning search can use the hashtag symbol (#) with related keywords, as shown in the picture below:
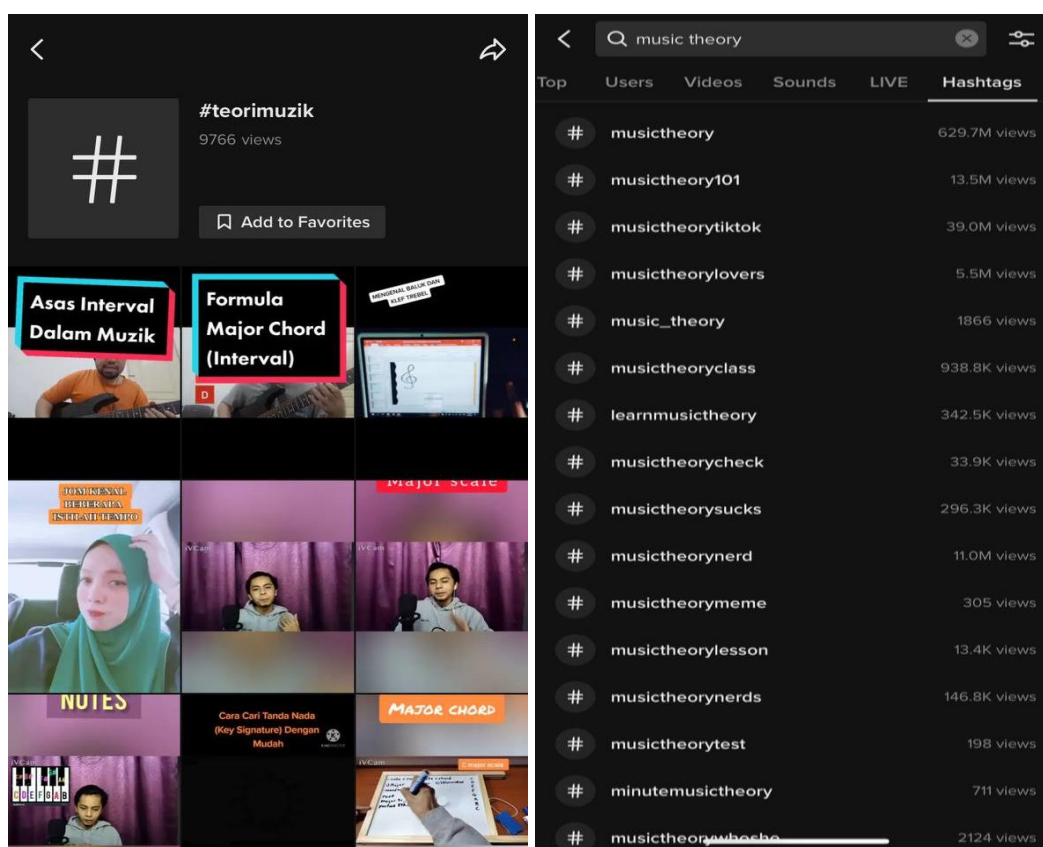
Picture 1.

Picture 1 above shows the number of music learning searches on the Tiktok application using hashtags. A total of 629.7 million have searched for #musictheory. It is the most searched in the field of music on Tiktok. However, information related to music education is seen as too broad and sometimes not organised according to any syllabus. In this case, students should be wise in choosing the content of the lesson they want to find. Based on these findings, it can be concluded that the Tiktok application is a choice platform for learning the subject of music theory.

This further strengthens that, Tiktok has a very big role in finding information related to music learning. This is in accordance with the opinion (Barnette, 2022; Huang, 2022) who said that Tiktok can be a very easy-to-use medium for searching for music information. On the other hand, Tiktok also has a feature that can be used to search with the keywords needed (Boone, 2022; Escamilla-Fajardo, 2021; Laughter, 2022).

Conclusion

In conclusion, it can be summarised from the debates and studies that have been carried out that the use of the Tiktok medium has a significant impact on the world of education today. The generation is more focused on elements oriented towards technology and the digital world without borders. In addition, the exposure to music education content was lacking and arranged unsystematically according to any teaching syllabus. Therefore, through this study, the next researcher can generate ideas for studying the syllabus or teaching syllabus suitable to be included in Tiktok content. It is because a total of 629.7 million searches regarding music theory using hashtags is not a small value. It is proven that this application is indeed used as one of the alternatives to learning music. Apart from being an alternative in teaching and learning, this digital application fosters and can open minds among teachers, especially in organising teaching content on the subject of music that is more focused. So, the knowledge of the mechanisms in music can be delivered more effectively and efficiently, especially in the mainstream, which increasingly drives toward the digitisation of education. This discovery also needs to be aligned with new approaches in education, especially music education. Based on observations, the teaching and learning of music still use conventional methods, which is not wrong. However, with time constraints with other subjects that must be studied, it becomes a factor and encouragement for education to change the pedagogical landscape. It is necessary to instil adaptive values to align education with current trends.

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