

THE EFFECTIVENESS OF TELEGRAM AS A MEDIUM OF LEARNING DURING THE PANDEMIC IN INDONESIAN SUBJECTS IN JUNIOR HIGH SCHOOL

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ABSTRACT

The COVID-19 pandemic has brought major changes in the world of education. Learning activity that was originally done face-to-face became distance learning, so it needed interesting and easy-to-use learning media for teachers and students. One medium that is easy to apply and has many advantages is telegram because it has advantages among others. It is cloud-based, able to send files with large capacity, and easy to use. The number of group members reaches 200,000. It has many features, and can be accessed from several devices at once. There are many learning media that can be used for online learning. This study aims to determine the effectiveness of telegram as a learning medium and as an online evaluation tool. In addition, it is also done to determine student's responses to the telegram application used in learning. This study used a descriptive qualitative approach with a sample of 99 students at SMPN 6 Karawang Barat. The instruments used are in the form of surveys, interviews, and documentation; the results showed that 91 students liked telegram as a medium of learning. In addition, telegram was effectively used for media and learning assessment tools both for the assessment of knowledge, attitudes, and skills.

Keywords: Telegram, Learning Media, Assessment Tools

ABSTRAK

Pandemi covid-19 telah membawa perubahan besar dalam dunia pendidikan. Pembelajaran yang semula bertatap muka menjadi pembelajaran jarak jauh sehingga dibutuhkan media pembelajaran yang menarik dan mudah diaplikasikan oleh guru dan siswa. Banyak media pembelajaran yang dapat digunakan untuk pembelajaran daring. Salah satu media yang mudah diaplikasikan dan memiliki banyak keunggulan adalah telegram karena memiliki kelebihan antara lain, berbasis cloud, mengirim file dengan kapasitas besar, mudah digunakan, jumlah anggota grup mencapai 200.000, memiliki banyak fitur, dan dapat diakses dari beberapa perangkat sekaligus. Penelitian ini bertujuan untuk mengetahui keefektifan telegram sebagai media pembelajaran dan sebagai alat evaluasi online. Selain itu, untuk mengetahui respon siswa terhadap aplikasi telegram yang digunakan dalam pembelajaran. Penelitian ini menggunakan pendekatan kualitatif deskriptif dengan sampel 99 siswa di SMPN 6 Karawang Barat. Instrumen yang digunakan adalah dengan berupa survey, wawancara, dan dokumentasi; hasil penelitian menunjukkan bahwa 91 siswa menyukai telegram sebagai media pembelajaran. Selain itu, telegram efektif digunakan untuk media dan alat penilaian pembelajaran baik untuk penilaian pengetahuan, sikap, dan keterampilan.

Kata Kunci: Telegram, Media Pembelajaran, Alat Penilaian.

INTRODUCTION

The Covid-19 pandemic has hit the whole world without any exceptions, included Indonesia. The pandemic had a tremendous impact causing panic for all people around Indonesia and it destroyed various sectors of life including the Education field. In an effort to break the chain of transmission of the Covid-19 virus, the government has taken some policies, one of them is the application of social distancing. People must carry out all activities at home

(*Work from House / WFH*) such as working, studying, and praying. In fact, the Minister of Education and Culture (Mendikbud) of the Republic of Indonesia issued Circular Letter No. 4 of 2020 regarding the Implementation of Education Policy in the Emergency Period of the Spread of Covid-19. According to the said letter, on number two-point a, it is explained that learning is done from home through online learning. It aims to provide a new learning experience for students.

Telegram used to be a post office facility that was used to send long-distance text messages quickly. But after technology developed rapidly, this facility was not used anymore. The name Telegram was taken by a startup that was developed into an application. Telegram is a cloud-based instant messaging application focused on speed and security. Telegram is designed to make it easier for users to send text, audio, video, image and sticker messages to each other securely (Fahana & Ridho, 2018).

According to (Ministry of National Education, 2014), the word effective, etymologically derived from the word effect, effect means consequence or influence. The meaning of Effective are; 1. There is an effect (its consequence, its influence, its impression); 2. Efficacy, efficacious (about drugs); 3. Can bring results; successfully useful. Effectiveness, means circumstances of influence, success. While effectiveness (*/e.fek.ti.vi.tas/ /éféktivitas/ keefektifan*): is tasked with monitoring ~ project.

Telegram is a fast and secure instant cloud-based messaging app. Telegram makes the user enables to send messages in the form of text, audio, video, images and stickers safely and easily. Telegram can be used with different devices at the same time. Telegram is able to send files with capacities of up to 1.5 GB.

explained that the use of simple applications such as telegram, especially in the use of telegram bots in online English learning showed positive results both in terms of use and responses from students. The use of telegram bots made students interested and happy ((Uswatun Hasanah, 2020),

As for the advantages of telegram according to (Fitriansyah & Aryadillah, 2020),:

1. Telegram is a free app.
2. Telegram sends messages quickly because it is cloud-based as well as storage in the cloud so it does not burden HP's internal memory.
3. Telegram is lighter to run, smaller app size
4. Telegram can be used from several devices at the same time: smartphones, tablets, computers, and laptops.

5. Telegram can share photos, videos, files in the form of doc, zip, mp3 with a maximum capacity of 1.5 GB per file.
6. Group members on telegram reach 200,000 members
7. It has many bot features.
8. Messages sent can be scheduled/timer.

METHODS

This research uses a descriptive qualitative approach. The development of the concept of data obtained is made factually, systematically, and accurately related directly to the facts that exist in the reality studied. (Sugiyono, 2016) explained, qualitative research results data are more related to interpretation of data found in the field. According to (Hasanudin, 2017), qualitative research is a study whose research results do not go through statistical procedures or calculations.

The object of research in this study is the students of Junior High School N 6 Karawang Barat class IX school year of 2019-2020 with a sample number of 99 students. Research was conducted on students on Indonesian subjects. Research data is collected using instruments in the form of surveys, interviews, and documentation. Research data is analyzed with descriptive methods.

RESULT AND DISCUSSION

Result

The first step in using the telegram application as a learning medium is to install the application to a laptop or smartphone.

The Telegram logo as shown in picture 1.

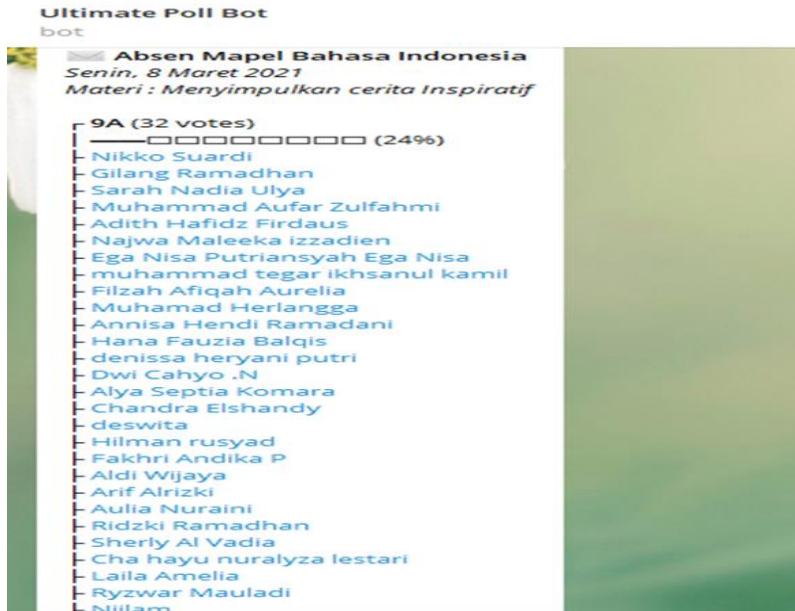


Figure 1. Telegram App Logo

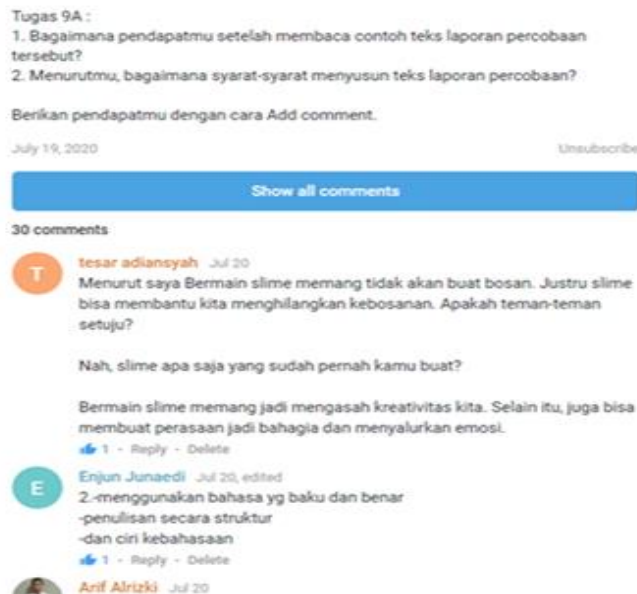
Once installed, the teacher can create a class group or forum (channel) of the taught class. Many bots can be run for learning media. Telegram bot is a robot that is programmed with various commands to carry out a series of instructions given by its users.

Some telegram bots that can be used in learning Indonesian with telegram media include:

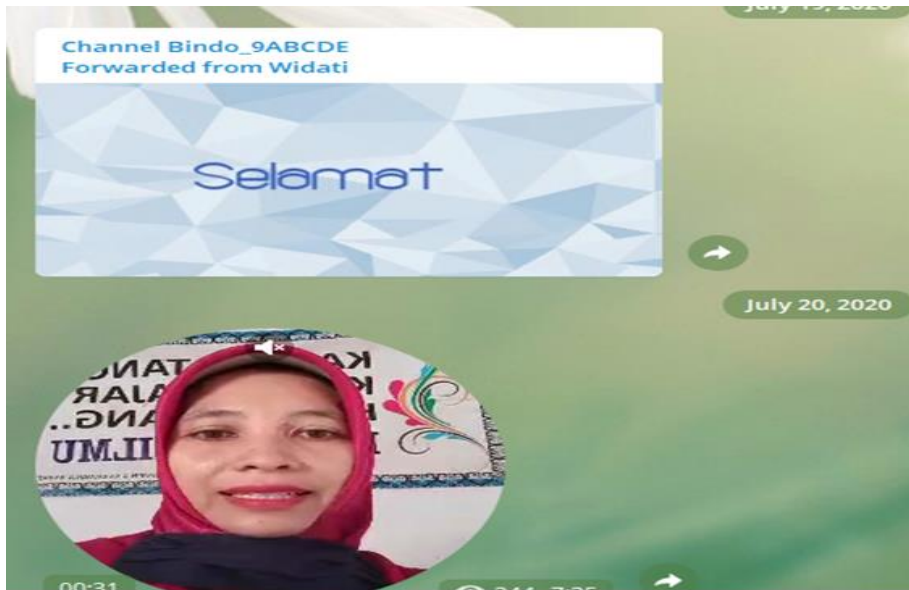
1. Pollr Bot, Ultimate Bot, Vote Bot as online absentee



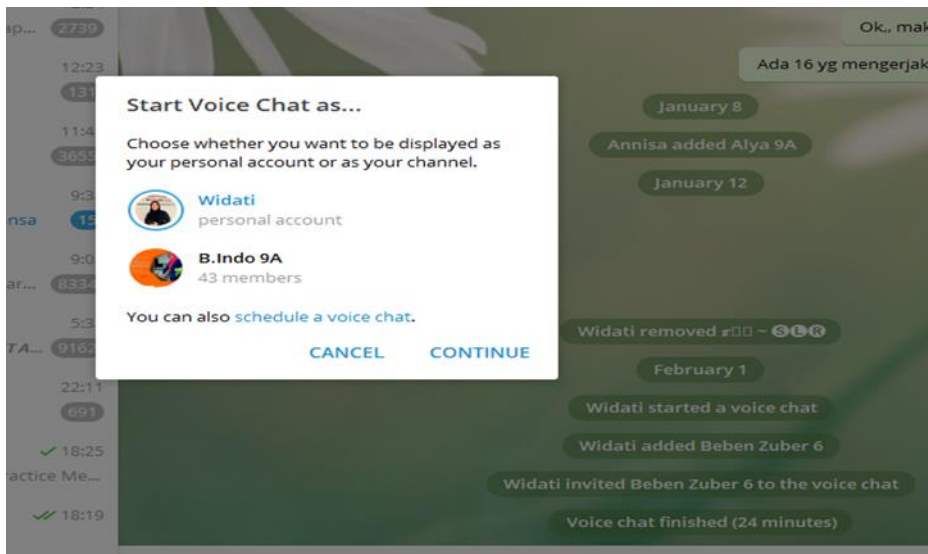
2. Comment Bot as chat room discussion of learning materials



3. Live Video while learning



4. Live discussion in class with voice chat



The latest feature of telegram is the teacher in doing interactive learning online or with students. Students turn on the video to meet the teacher virtually. The advantages of these features are that room also enable teachers to share material, teachers can turn off or turn on students' microphone while learning is taking place, and teacher are able to record the learning activities. The capacity of participants in the room can also reach 1000 and the duration is long and unpaid.

To find out the students' responses to the use of telegram as a learning medium, a survey was conducted using google form on 99 students of class IX SMPN 6 Karawang Barat at Indonesian lesson. The survey results are shown in the following table:

Table 1. The survey results of telegram

Questionnaire	Already	Do not
Do you feel good about online learning?	74	25
Do you like learning media with telegrams?	91	8
Is telegram media easy to use in learning	96	3
Whether with telegram media you can receive learning materials from teachers	93	6
Is telegram media more quota efficient?	91	8
Whether telegram media can be used as interactive quizzes, and discussions	79	20
Is it effective, quota-saving, and minimal radiation?	92	7

Discussion

Social media is now a medium that is widely known to be used by students. Social media invites anyone who is interested to participate by making contributions and feedback openly, making comments, and sharing information in a fast and unlimited time (Nurudin, 2016). One of the social media that can be used for online learning is telegram. Before using Telegram, a survey was conducted on students first. Based on the survey results, students like online learning and choose the Telegram application because it is effective. Based on survey results it. As for students' responses to telegram online learning media showed that 91 students liked telegram, 96 students declared that telegram is easy to use. 93 students stated that by using telegrams they can receive learning materials, 91 students stated that telegrams are more quota-efficient, 79 students stated that telegrams can be used for interactive quizzes and

discussions, and 92 students stated that telegrams are effectively used, quota-saving and minimal radiation.

CONCLUSION

Telegram is cloud-based, able to send files with large capacity, and easy to use. The number of group members reaches 200,000. It has many features, and can be accessed from several devices at once. The features of bots in telegram that can be utilized in learning include online absences (Pollr Bot, Vote Bot, Ultimate Bot), evaluation tools (Quiz Bot, Pol), share material (telegraph Bot, voice, live video), discussion media (Comment Bot, voice chat), and interactive learning media online.

Knowledge assessment using the Telegram Quiz Bot and Poll features is also effective because it enables teacher to conduct online and interactive assessments so students are motivated to work on. With the timer, students cannot repeat the previous question. Students can also find out their ranking position after finishing working on the task and get the title of champion for the rank of 1, 2 and 3. Telegram can also be used for attitude assessment and skill assessment.

REFERENCE

- Alhabib, T. J., Cahyani, I., & Saadie, M. (2021). Pemanfaatan Media Telegram Pada Pembelajaran Menulis Cerpen. *Seminar Internasional Riksa Bahasa XIV*, 493–501. <http://proceedings.upi.edu/index.php/riksabahasa/article/view/1386>
- Barokah, E. (2021). Penerapan Penggunaan Telegram dalam Pembelajaran Bahasa Indonesia Meningkatkan Kemampuan dan Hasil Belajar pada Teks Hikayat. *Jurnal Pendidikan Dan Kewirausahaan*, 9(2), 309–325. <https://doi.org/10.47668/pkwu.v9i2.248>
- Departemen Pendidikan Nasional. (2014). *Kamus Besar Bahasa Indonesia. Cetakan ke Delapan Belas Edisi IV*. Pustaka Gramedia Utama.
- Fahana, J. F., & Ridho, F. (2018). *Pemanfaatan Telegram Sebagai Notifikasi Serangan untuk Keperluan Forensik Jaringan*. *JOM FISIP*, 5(1), 1–11.
- Fitriansyah, F., & Aryadillah. (2020). Penggunaan Telegram Sebagai Media Komunikasi Dalam Pembelajaran Online. *Cakrawala-Jurnal Humaniora*, Vol 20 No.
- Hasanudin, C. (2017). Analisis Kesalahan Berbahasa Pada Penulisan Media Luar Ruang Di Kabupaten Bojonegoro”. *Jurnal Pendidikan Bahasa Dan Sastra*, Vol 17, No.
- Nurudin. (2016). Ilmu Komunikasi Ilmiah dan Populer. Jakarta: PT. Raja Grafindo Persada.

Oki Ayunawati Fatmaya. (2019). Penerapan Media Pembelajaran Menggunakan Aplikasi Telegram Terhadap Pencapaian Kompetensi Mengidentifikasi Jenis Bahan utama Pada Siswa Kelas Xi Tata Busana di SMKN 1 Buduran Tahun Pelajaran 2018-2019. *E-Journal, Volume 08*.

Qamar, K., & Riyadi, S. (2018). Efektivitas Blended Learning Menggunakan Aplikasi Telegram. *Jurnal Ilmu Tarbiyah, 7(1)*, 1–15.

Sugiyono. (2016). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*. Alfabeta.

Uswatun Hasanah. (2020). Pemanfaatan Bot Telegram untuk Pembelajaran Bahasa Secara Daring. *Seminar Nasional Pembelajaran Bahasa Dan Sastra*, 298–308.

<https://trikinet.com/post>

<https://web.telegram.org/>

<https://wayah-e.blogspot.com/>