

Analysis of Virtual Chat Bots in Disseminating Pornographic Content via Telegram's Anonymous Chat Feature

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ABSTRACT

Telegram's Anonymous Chat Bot allows users to exchange messages in chat rooms with purposes ranging from finding new friends, discussion forums or venting to finding a partner. This phenomenon becomes a problem when the anonymous chat feature is used by certain individuals to spread pornographic content that can disturb other users. This research aims to analyze behavioral patterns based on the motives and purposes of using the Anonymouse Chat Bot Telegram and observe how abuse can occur with this Bot. This research uses a qualitative approach with a descriptive nature characteristics of qualitative research. This research uses in-depth interview methods, but to strengthen the results obtained, researchers use triangulation techniques such as interviews, observation and documentation. This research took a sample of users who were willing to be interviewed regarding this problem and found 5 informants, and from these 5 informants those who gave answers were in accordance with the research objectives.. The results obtained from the research show that the use of Telegram's Anonymouse Chat Bot is used as a medium for establishing, searching for, adding new friends and even as a promotional medium to gain commercial profits. Researchers see negative behavior from several individuals who spread pornographic content due to the anonymous policy of this bot so that it is free and not responsible for what it sends, whether in the form of chat, photos or videos that contain pornographic elements. Likewise, other users felt disturbed by the presence of this person. The research results also include how the phenomenon of abuse in Anonymouse Chat Telegram also has implications for online crime *orcybercrime* which requires the development of mitigation strategies to overcome these problems.

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INTRODUCTION

The phenomenon of using Anonymouse Chat as a virtual communication medium becomes a problem when the Anonymouse Chat feature is used by certain individuals to spread pornographic content that can disturb other users. Researchers assess that the spread of illegal and unethical pornographic content in the anonymous chat feature is a problem because it damages the image of virtual chat's function as a medium for finding new friends, a place to discuss or vent, and even find a soul mate. Based on this abuse phenomenon, researchers aim to analyze how this abuse can occur and how this unethical abuse disturbs other Anonymouse Chat Telegram users who use this feature positively.

The problems that occur in using Anonymouse Chat Telegram are an implication of the anonymity policy offered in this bot, with the anonymity that exists, users become free and free from responsibility for what they do in this chat bot. The anonymous trend in Anonymousechat

Telegram attracts users to use this chat bot because the user's identity becomes private, so that abuse can occur, such as spreading pornographic content through chat, images, videos, stickers and audio.

Researchers accessed the anonymous chat feature as part of pre-research and found that in this feature users carried out virtual chat activities without their real identity being known or called anonymous. The use of virtual chat as a medium for spreading pornographic content is very easy. They can easily send links, images, videos, stickers or other messages that contain pornographic elements. Apart from that, quite a few other users feel disturbed and this phenomenon also contributes to the occurrence of cybersex, including the anonymity that can be exploited by the perpetrators.

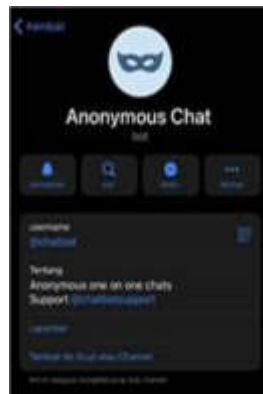


Figure 1. Anonymouse Chat Bot is a virtual chat feature on Telegram social media

The anonymity policy that Anonymouse Chat provides to its users can be used as a tool to commit crimes in chat rooms. Individuals who share pornography in the Anonymouse Chat feature hide and seek security behind this anonymity policy. This is what makes the Anonymouse Chat Telegram bot the right target for channeling desires and carrying out actions that are disturbing and detrimental to many people. Using the Anonymous chat feature provided by Telegram is still a virtual chat platform that is in great demand by social media users. As reported by the insertlive.com article, the Anonymous Chat feature allows users to exchange messages in chat rooms with purposes ranging from finding new friends, discussion forums or venting to finding a partner.

Information communication technology has brought changes to humans in interacting virtually. Social media as part of the development of information technology has a direct impact on the role of humans in viewing communication in today's society. because the presence of social media has changed the way humans communicate, now communication can not only be done face to face, but communication can easily be done without distance and time limitations without having to meet in person. With the increasingly easy way to communicate via social media, social media is now widely used by users to make friends from various different regional backgrounds. This is also supported by the many features offered by various social media to their users. Using social media to find friends is very easy to do in today's digital era. The digital era has brought many changes in the development of information and communication technology, where now people can easily access information about anything, and easily make friends with anyone and from any region without having difficulty arranging time to meet in person. This convenience is found in the use of social media to communicate in this modern era. The interaction stages that occur in online

friendship consist of four stages, namely: 1) Starting a conversation with people each user does not know; 2) Interact more closely with online friends, from previously unknown to familiar; 3) Start making virtual friends and then switch to offline friendships (meeting in person); and 4) Strengthening social relationships. (Lai & Fung, 2019 in Marchellia & Siahaan, 2022).

The Impact of Anonymous Telegram Chat on the Spread of Cybersex Media among UIN Antasari Students by (Mahdiani & Talib, 2022). The research results found several impacts of the anonymous chat feature on the spread of cybersex among UIN Antsari students, such as psychological, religious, social and cultural impacts. This research aims to describe and understand individual experiences in using Anonymous Chat Telegram as a cybersex medium and its impact among UIN Antasari students. Meanwhile, this research wants to analyze behavioral patterns in using Anonymouse Chat as well as the motives and objectives of using the Anonymouse chat feature.

Analysis conducted by (Permana & Koesanto, 2023) highlights the issue of sexual harassment in chatbots on Telegram, especially those involving the use of Anonymous channels. Research findings show that the use of this channel provides benefits for the perpetrator, namely anonymity and a high level of security because their identity is kept secret. Sexual harassment on chatbots on Telegram is caused by two main factors, namely low digital literacy and high levels of user anonymity. This research focuses on analyzing the impact of using media features and chatbots on Telegram, especially in the context of Anonymous channels. There is an emphasis on the limitations of the research, namely that it only covers the analysis carried out by researchers regarding the use of Anonymous channels as an unlimited forum for carrying out sexual harassment. Meanwhile, in this study, researchers wanted to analyze the motives and behavioral patterns of using the AnonymousChat Telegram virtual chat, so that in this latest research we not only looked at the behavioral patterns of those who spread pornographic content but also their behavior. patterns based on the motives and goals of all Anonymouse Chat users that researchers found during observations.

Telegram is a medium that offers a virtual chat feature, namely the Anonymouse Chat bot. Anonymouse Chat is a medium that provides chat rooms with various other users from the same region to different countries anonymously. However, with the problems above, this research wants to analyze how the problems above can occur, what patterns of behavior based on the motives and goals of using Anonymouse Chat have the potential to cause actions that disturb other users. In connection with the researcher's aim of analyzing behavioral patterns based on the motives and goals of Telegram Anonymouse Chat Bot users, this research uses the theory of uses and gratifications. This theory, known as the Uses and Gratifications Theory, was first introduced by Herbert Blummer and Elihu Katz. This theory was introduced in 1974 in his book entitled "The Utilizations of Mass Communications: Contemporary Perspectives on Gratification Research". This theory states that media users play an active role in choosing and using media. In other words, media consumers are active participants in the communication process. They seek to identify media sources that best suit their needs. Basically, this theory assumes that users have alternative choices to meet their needs. This theory contrasts with the bullet theory and emphasizes a more human-centered approach to studying mass media. This principle recognizes individual autonomy and authority in dealing with the media. According to this theory, media consumers have the freedom to decide how they consume media (through what media) and how it affects them. He also acknowledged that the media can have a negative influence on people's lives. The interaction

between individuals and media can be understood through the use of media by individuals (users) and the satisfaction obtained from it. Common types of satisfaction include escaping worry, relieving loneliness, providing emotional support, obtaining information, and facilitating social relationships. (Ruliana & Lestari, 2019). Based on the understanding and assumptions of the Uses and Gratification theory, by using this theory the researcher sees that Anonymouse Chat users choose this virtual chatbot to fulfill their needs and satisfaction as a motive and goal for using Anonymouse Chat. Their needs and satisfaction include avoiding loneliness and boredom, expanding their network of friends, gaining new experiences, seeking commercial profits, and channeling personal desires. In this case, the problem in this research is the use of Anonymouse Chat as a medium for disseminating content in the form of chats, photos and videos that contain pornographic elements by taking advantage of existing anonymity.

METHOD

In this research, the approach used is a qualitative research method. With the nature of qualitative descriptive research. Qualitative methods are research approaches that are based on post-positivism or interpretive philosophical foundations. This method is used to investigate the natural situation at the research object. The method widely used in this research is the in-depth interview method, but to strengthen the results obtained, researchers used triangulation techniques such as interviews, observation and documentation.

Triangulation method is an approach that involves comparing information or data using different approaches. In the context of qualitative research, researchers generally use methods such as interviews, observations, and surveys. The main purpose of this triangulation is to ensure the accuracy and reliability of the information obtained, as well as to obtain a comprehensive picture of a topic. For example, researchers can combine free and structured interview methods to gain a broader perspective. Apart from that, the use of a combination of interviews and observations can also be used to verify the truth of the information obtained. To increase validity, researchers can also involve different informants or use different approaches. Triangulation becomes relevant when the veracity of data or information obtained from research subjects or informants becomes doubtful. By combining various methods and involving various points of view, it is hoped that the research results will get closer to the truth, thereby increasing the trustworthiness and validity of the findings. (Rahardjo 2017)

According to Nawawi and Martini (1992:74), observation refers to the systematic act of observing and recording the elements visible in a symptom or research object. By making observations, researchers can understand the activities of street buskers in Surakarta, observing their routines in their activities. From this explanation it can be concluded that observation is an important step to observe and record information, supporting investigations to achieve optimal results. (Bambang Sudaryana & Agusady 2022). Meanwhile, for interview techniques, Sugiyono (2010:194) explains that interviews are used as a data collection method in preliminary studies to identify problems to be researched. In addition, this technique allows researchers to gain in-depth understanding from a limited number of respondents. In this research, interviews were conducted using structured questions, utilizing interview guidelines that were prepared systematically and completely. This process involves direct interaction between researchers and sources, thus enabling the exchange of information through questions and answers in accordance with the interview guide that has been prepared. (Bambang Sudaryana & Agusady 2022)

According to Hamidi (2004:72), the documentation method refers to information originating from important records, both from institutions, organizations and individuals. In this research, documentation involves taking pictures by researchers to support research results. Sugiyono (2013:240) suggests that documentation can be in the form of writing, drawings, or individual monumental works. In order to collect research data, documentation is carried out by collecting documents from trusted sources who have knowledge of the sources. (Bambang Sudaryana & Agusiady 2022)

The data collected tends to be qualitative, with data analysis being inductive and qualitative. The results of this qualitative research aim to understand meaning, explain uniqueness, build understanding of phenomena, and formulate hypotheses. (Sugiyono 2018). Descriptive qualitative research aims to describe certain situations or events. The researcher makes observations of the research object and then provides an explanation of what has been observed. This descriptive research focuses on explaining certain social conditions. In this study, researchers describe the phenomenon of using virtual chatbots and explain the problems in this phenomenon, namely the occurrence of abuse in the distribution of pornographic content. Researchers observed the motives, goals and behavior patterns of users in using Anonymouse Chat as a virtual communication medium and then explained what happened after observing this.

Researchers observe using the Anonymous Chat feature then create categories of behavior patterns, observe symptoms, and record them as the results of observations. Then through in-depth interviews with informants, researchers can understand the real reasons behind the decisions taken by respondents. Informants are individuals who provide information or information regarding the topic being researched and act as sources. Case study is a research approach that examines a case in depth, intensively, in detail and comprehensively. This research took several informants, namely several users who were research partners in the chat room and were willing to be asked several questions according to the research topic. The results of the interviews were used as data obtained in the research. To produce the validity of the data obtained related to the research problem, researchers use screenshots when finding users who distribute pornographic content as part of documentation.

RESULTS AND DISCUSSION

To support the research results, researchers found statistical data obtained from GoodSTts, namely that various types of social media in Indonesia have the highest percentage of users, including Telegram which is in fifth position with 64.3 percent of users in Indonesia. This data. By looking at data based on measurements for the past 3 years by GoodSTts, it helps researchers during research by seeing the Telegram application as an application with a fairly high percentage, making it easier for researchers to analyze how the features provided by Telegram attract the attention of its users. The Telegram social media application, which was released in 2013, has features that are generally found in Telegram, which are almost the same as Whatsapp. However, there are several features that Whatsapp doesn't have, such as groups with large capacity, unlimited storage space, etc.

By looking at user data and the features contained in the Telegram application, it allows users to facilitate their activities in communicating virtually without restrictions. This is supported by the availability of the Anonymouse Chat bot feature as a medium for virtual interaction with many other users without having to know each other's identities. Anonymouse Chat is one of the features

offered by Telegram for users who are looking for friends to chat with, friends to confide in, friends to discuss and even looking for a partner. Not a few users use this bot to promote their business, channel their hobbies and seek experiences with new people without worrying about their privacy data.

According to the Big Indonesian Dictionary, the term anonymous is a noun which means without a name, without identity, without a name and the second meaning is no signatory. Based on this definition, the anonymity contained in the Anonymouse Chat bot means that the user does not have an identity or when using the bot the user does not know any identity of each user. The anonymous policy presented in the Anonymouse Chat bot chat room provides comfort in using the bot without having to worry about other people knowing their personal identity. On the other hand, for the convenience of users, the anonymity contained in this bot provides opportunities for misuse or impersonation which has the potential to deceive other users. However, in this research the researcher will discuss how the anonymity provided by users is used as an opportunity for irresponsible individuals to become a medium for spreading pornography and other pornographic elements in the form of chats that lead to sexual harassment, sending stickers, photos and even videos containing elements. pornography. These individuals think their identity will be safe without the recipient of the message knowing. The misuse of social media to satisfy personal desires without seeing how other users are disturbed by their behavior is what makes Anonymouse Chat the opportunity to commit digital crimes.

The use of Anonymouse Chat Telegram can be influenced by socio-cultural context and technological developments. Socially, users who emphasize privacy and anonymity may be more likely to use such platforms to communicate without identity disclosure. In a cultural context, people who want to express their feelings without social consequences may feel attracted to the use of Anonymouse Chat Telegram, and developments in information digitalization technology make it possible for certain events, such as events in cyberspace that trigger concerns about privacy, to influence the popularity of the Anonymouse Chat platform. Telegram. For example, changing social norms related to online privacy or incidents of cyberbullying may motivate people to seek platforms that offer anonymity.

Not a few of the many Anonymouse Chat Telegram users use this virtual chat bot to find friends, accompany them when they are confused or bored, look for friends to chat with, look for new experiences from friends from various regions, and even look for commercial profits. and almost all users with this pattern of behavior are deeply disturbed. with the behavior of individuals in this chatbot who suddenly send obscene messages, stickers and even uncivil videos. This statement can be seen from the results of the researcher's interviews with several Anonymouse Chat users who the researcher found when using this bot as part of a data search and found that many felt disturbed by individuals spreading pornographic content.

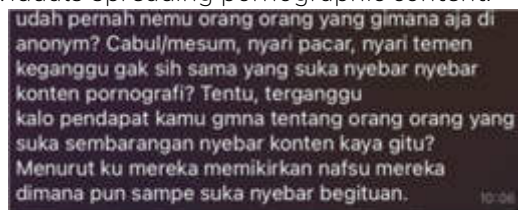


Figure 2. Informant 1 felt disturbed by the presence of individuals spreading pornographic content on the Telegram Anonymouse Chat Bot.

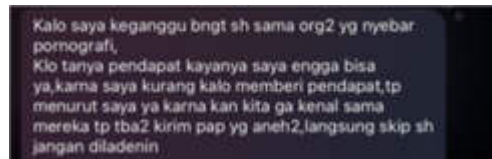


Figure 3. Informant 2 also felt disturbed by the presence of individuals spreading pornographic content on the Telegram Anonymouse Chat Bot.

Using Anonymouse Chat as a Virtual Communication Media in Finding and Adding Friends. Anonymouse Chat users have various motives and goals, they are interested in using this chatbot to accompany their daily lives in finding and adding friendships. Many of them have succeeded in finding friends who are compatible with each other and have met in real life or what is usually called reel life or have succeeded in finding a partner by playing this virtual chat bot.

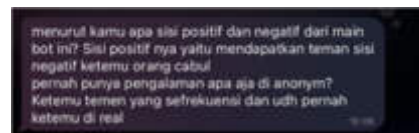


Figure 4. Informants who have experience looking for friends directly and meeting face to face and finding unethical elements in the Telegram Anonymouse Chat Bot.

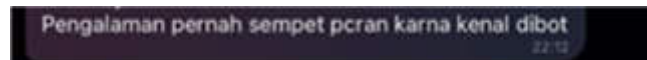


Figure 5. Informant who got a partner from playing Anonymouse Chat Bot Telegram.

The behavioral pattern in this chat room starts with a bot that offers the Find a Partner feature to find chat partners. Usually when starting a conversation it always starts with hi, hello, or say hello and because each other doesn't know each other's gender, they start the conversation with "hi, I'm a girl/boy", asking where they are. from and if they feel suitable for each other, it is not uncommon for those who play Anonymouse Chat to continue to share Telegram IDs to get to know each other better. Likewise, it is not uncommon for people to feel that it is not what they want, so users can stop chatting and look for new partners with /stop and /search.

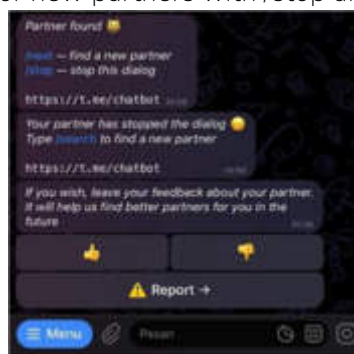


Figure 6. Display of the feature for searching for chat friends in the Telegram Anonymouse Chat Bot.

The extensive network of users from various regions provides the opportunity for bot users to meet users from various regions in Indonesia and even outside Indonesia. The friends he meets are usually used as a place to share stories, share experiences and discuss with each other.

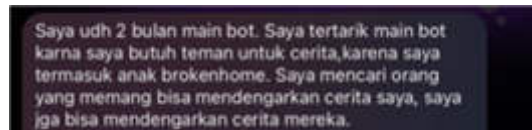


Figure 7. Informant who uses Anonymouse Chat Bot Telegram to find friends to tell stories

Anonymous Chat is Used as a Medium to Earn Income. There are many users and you can find different users at any time, providing opportunities for those who use chat rooms as a medium for promoting their business. The unique thing that researchers found when using this bot was that users were found promoting their voices to earn rupiah. Users start by promoting that they will sing and those who are willing to listen are given the opportunity to request songs. Users take advantage of the voice recording feature in this bot to sing a song and quite a few other users give rewards in the form of fund balances with no minimum or no minimum amount. The term used by these voice sellers is "Online Ngamen". Seeing this phenomenon, it can be said that apart from accompanying them when they are bored, Anonymouse Chat can be used to channel their hobbies which can also make a lot of money.

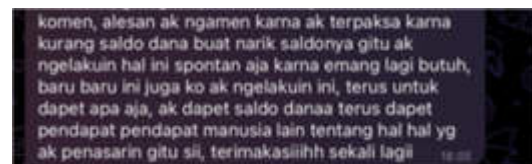


Figure 8. Users who use Anonymouse Chat to increase their income.

Features provided in Anonymouse Chat Bot to overcome abuse. Anonymouse Chat provides a report feature for users who want to report actions that interfere with the use of this virtual chat bot. They can choose the reason for reporting, for example Child Pornography, Insults, Vulgar Couples, and other reasons, then the form of the report submitted will be studied further by Telegram. So it can be said that the features provided do not fully address criminal acts that occur in chat rooms or it can be said that there are no preventive steps from the Telegram platform, so that many irresponsible individuals are still found in these bots. So the most important thing in using Anonymouse Chat Bot is to be wise and critical in receiving negative messages sent by these individuals, be smart in positioning yourself and expand your knowledge so that you are not easily carried away by the negative current that is given.

CONCLUSION

Social media in Indonesia has various platforms, and Telegram is ranked fifth with 64.3% of users. Even though its features are similar to WhatsApp, Telegram has advantages such as groups with large capacity and unlimited storage. The variety of features and number of users facilitate unlimited virtual communication activities. The Anonymouse Chat feature in Telegram allows users to interact without revealing their identity. Although this anonymity provides comfort, it also opens up opportunities for abuse, such as the distribution of pornographic content. Use of Anonymous

Chat to find friends or promote business is often disrupted by individuals sending inappropriate messages. Research limitations in this study include analysis regarding the misuse of the Anonymouse Chat feature in the context of the distribution of pornographic content, exploring the extent to which this problem occurs and is based on an analysis of the motivation of users who use Anonymouse Chat, whether it is to find friends or promote a business or the motive for the abuse itself. The motives of Anonymouse Chat users vary, from making friends to earning income. Some users use this platform to make money by "Ngamen Online", namely singing songs virtually and receiving rewards in the form of cash balances. Even though Telegram provides a reporting feature, abuse still often occurs so users are expected to be wise and critical in responding to negative messages. The Anonymouse Chat feature provided by the Telegram platform, although it provides the freedom to interact without revealing identity, also opens up the potential for abuse such as spreading unethical content. Although some users use the platform for social communications or marketing purposes, the presence of individuals sending inappropriate messages may disrupt such activities. In dealing with this problem, it is hoped that users can be wise and critical in responding to negative messages, and actively utilize the reporting options provided by Telegram. It is hoped that the Telegram platform can provide preventive steps in dealing with abuse in the Anonymouse Chat Telegram virtual chat bot.

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