

A COMPARATIVE STUDY BETWEEN ONLINE AND FACE-TO-FACE LEARNING METHODS ON STUDENT LEARNING OUTCOMES

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ABSTRACT

The development of digital technology has had a significant impact on the behavior of the younger generation, one of which is the increasing involvement in online gambling activities. This study aims to examine the impact of online gambling on social interaction and emotional stability of the younger generation. The method used is a quantitative study through data collection techniques using questionnaires, this study aims at children aged 16-26 years who are active or have been involved in online gambling. The results of the study show that involvement in online gambling causes a decrease in the quality of social interaction, such as withdrawing from the social environment, decreasing communication skills, and increasing conflict in interpersonal relationships. In addition, there were disturbances in emotional stability in the form of anxiety, excessive stress, uncontrolled anger, and symptoms of depression. Dependence on online gambling also interferes with cognitive function and decision-making, which has a negative impact on the psychological well-being of the younger generation. Therefore, preventive and curative efforts are needed from various parties, including families, educational institutions, and the government, to reduce the negative impacts of this phenomenon.

Keywords: online gambling, social interaction, emotional stability, young generation

INTRODUCTION

Online gambling has grown rapidly along with technological advances and wider internet access, one example of online gambling that is on the rise now is playing slots, playing cards, or betting on sports matches. This makes it very accessible to various groups, including the younger generation. This phenomenon raises concerns regarding its impact on the social and emotional aspects of adolescents, which is an important period in the formation of social identity and interaction.

Research by (Ichsan Nurfadhil et al., 2024) suggests that online gambling addiction among teens can lead to increased symptoms of anxiety, depression, and decreased academic performance. In addition, its social impact includes increased isolation and interpersonal conflict, which indicates the need for more effective interventions in education and prevention to address these issues .

Other studies by (Prabudi and Al 2024) in Pujidadi Binjai Village found that 71% of adolescents experience moderate emotional disturbances due to online gambling, which contributes to behavioral deviations such as decreased achievement in school, truancy habits, and family conflicts. In addition, research by (Arnit Kurnia Sari et al. 2024) in Sorong revealed that online gambling can lead to addiction, anxiety, depression, and social relationship disruptions. Risk factors such as aggressive promotion and easy accessibility exacerbate these negative impacts.

Based on these findings, it is important to conduct in-depth research on the impact of online gambling on social interaction and emotional stability of the younger generation. This study aims to identify and analyze the influence of online gambling on these aspects, as well as provide recommendations for mitigating its negative impacts.

THEORITICAL REVIEW

Gambling is a game where players bet to choose one choice among several options

where only one choice is correct and becomes the winner. The player who loses the bet will give his bet to the winner. The rules and bet amount are determined before the match starts. This impact can have a negative impact on online gambling players themselves. One of the impacts that can arise on someone who is addicted to online gambling is the impact of psychological. According to the psychological view, (Duncan, 2002) Psychology views human behavior as a simple or complex reaction. Humans in particular and various types in general have a form of instinct (species-specific behavior) that nature recognizes to maintain, attitudes towards a behavior are influenced by the belief that the behavior will produce the desired or undesirable results. Beliefs about what is normative (what others expect) and the motivation to act with those normative expectations form subjective norms in individuals. Behavioral control is determined by previous experience and personal estimates of how difficult or easy it is to perform the relevant action. This behavior control is important when the feeling of being confident that a person is in a weak state (Perceived Behavior Control - Overview _ ScienceDirect Topics n.d.)

Social interaction of the younger generation Online gambling can disrupt young people's social interactions in a variety of ways, from increased family conflicts to social isolation. Some theories that can explain this impact include the theory of symbolic interactionism, the theory of symbolic interactionism **George Herbert Mead**, (Fauzan 2020) The theory of symbolic interactionism is a social interaction that occurs due to the use of symbols that have meaning. These symbols can create meanings that can trigger social interaction between individuals and individuals. And vice versa, online gambling can also make social interaction decrease for young people.

Emotional Resilience of the Young Generation

Emotional refers to a person's psychological and physiological reactions to a specific stimulus, which can affect an individual's behavior, thoughts, and social relationships (Austin 2008). Emotions involve affective (feeling), cognitive (assessment of feelings), and physiological (the body's reaction to emotions).

The younger generation (adolescents to early adulthood, age range 12–25 years) experience significant emotional development. This period is marked by:

- **Emotional Fluctuations:** Hormonal changes and new social experiences make emotions often change quickly and intensely (Lubis et al. 2024). According to steniberg 2005
- **Self-Identity Search:** Emotions are a means to explore and affirm one's identity (At et al. 2025)
- **High Social Sensitivity** Their emotions are heavily influenced by interactions with peers and Rideout & Robb's social media.(Android Application Security Analysis Using the 2022 Vulnerability Assessment Method)

RESEARCH METHODS

In this study, the data collection technique was carried out through a quantitative approach, with the aim of gaining a deep understanding of the impact of online gambling on social interaction and emotional stability of the younger generation. The techniques used include: Techniques with data collected using a questionnaire based on the RECS (Communication and Health Education Plan) instrument, which has been validated by Mantzouranis et al. (2019). The questionnaire is distributed online through the google Form then the data that has been collected will be processed for validity so as to produce accurate data. And after the data is collected or the data has been obtained, it

will then be presented in the form of a table or in the form of a data diagram, in this journal we display the data that has been collected using data in the form of a table. The respondents in this study were teenagers with an age range of 16-26 years with the criteria of children who are addicted to online gambling. Data collection using questionnaires will be tested for regeneration and correlation. A number of statements that reflect the dimensions of social interaction and emotional stability of the younger generation in relation to online gambling activities. Respondents were asked to choose one of five Likert scale options:

1. Agree
2. Disagree
3. Strongly disagree
4. Neutral
5. Strongly agree

Number of respondents: 50 people who are students/students aged 16–26 years spread across several urban areas.

Questionnaire Results

Here is a summary of the data collection results of some key statements:

NO	STATEMENT	AVERAGE	INTERPRETASI
1	I find it more enjoyable to spend time alone gambling online	50%	Tend to disagree very much
2	Online gambling keeps me away from friends and family	38,5%	Agree
3	I feel anxious or stressed if I don't play online gambling	46,2%	Strongly agree
4	I have conflicts with the people closest to me because of online gambling activities	30,8%	Tend to agree
5	I don't have any emotional problems as a result of gambling online	46,2%	Tend to disagree
6	I often neglect social activities in favor of playing online gambling	34,6%	Inclined to agree
7	I feel more interested in interacting online than meeting friends in person.	34,6%	Inclined to Agree
8	Since getting to know online gambling my time to socialize with family and friends has decreased	30,8%	Agree

RESULTS AND DISCUSSION

Based on the above data, it can be seen that most respondents tend to agree or strongly agree that involvement in online gambling negatively impacts their social and emotional aspects. This is an impact caused by online gambling. we can see a high average value on statements such as:

- *"Online gambling keeps me away from friends and family"* (38.5% average)
- *"I feel anxious or stressed if I don't gamble online"* (average 46.8%)

This indicates that online gambling activities affect emotional stability and increase the risk of social isolation.

In addition, few respondents felt they could control their gambling activities, and the majority expressed the need for help to break the habit, indicating the presence of symptoms of dependence or addiction. Symptoms of dependence or addiction can affect a person's social habits. This is because of the big impact of online gambling. From the data that has been collected, we can see how many respondents respond to things that are very prone to lead them to social anxiety and feel isolated.

The fact that many respondents experienced interpersonal conflicts and a decrease in the quality of social relationships shows that online gambling is not only an individual issue, but also has an impact on the immediate social environment such as family and friends.

If this is left alone, the impact of online gambling is very dangerous for the younger generation now. And it is possible that it will also damage the future of young people. One of the impacts that we can see in the case of online gambling is such as, the financial impact. Financial impact can also be interpreted as the impact of running out of money, young people who often play online gambling often spend money on playing online gambling. This has a great effect on young people's finances. The next impact that we often find because of online gambling is like the habit of young people to go into debt, addiction to online gambling can make young people bear debt because of difficulty paying the money they borrow to play online gambling.

PSYCHOLOGICAL IMPACT

Stress and Anxiety:

The frustration of losing in gambling can cause stress and anxiety in young people. This often happens among young people who are already very addicted to online gambling. This impact has a great effect on their social life.

Depression:

Online gambling addiction can also lead to depression, especially if they suffer major losses. An impact like this also has a great effect on the mental health of a person who is addicted to online gambling.

Mood Swings:

Young people who are addicted to online gambling tend to experience drastic mood swings, from happy to sad, and vice versa.

Aggressive Behavior:

Frustration due to defeat can trigger aggressive behavior in young people.

Social Impact:

Weakening of Social Relationships:

Online gambling addiction can make young people less interested in hanging out with friends and family.

Decline in Learning Achievement:

Young people who are addicted to online gambling tend to be lazy to study and their achievement can decrease.

Feeling Out:

Online gambling addiction can make young people feel isolated from the surrounding environment because they are more focused on gambling.

CONCLUSION

Online gambling has a significant impact on the social and emotional lives of the younger generation. From the aspect of social interaction, online gambling activities cause a decrease in the quality of social relationships, alienation, and a decrease in participation in community activities. Meanwhile, in terms of emotional stability, online gamblers are prone to experiencing psychological disorders such as stress, anxiety, guilt, and depression. Dependence on online gambling also leads to behavioral changes, such as aggressiveness, loss of focus, as well as disruption in academic and work activities. Thus, online gambling is one of the factors that cause the deterioration of the social and mental well-being of the younger generation.

SUGGESTION

Improving Digital Education and Financial Literacy:

The government and educational institutions need to educate the younger generation about the dangers of online gambling, as well as equip them with digital and financial literacy to prevent involvement in these activities.

Strengthening the Role of the Family and Social Environment:

Parents and the surrounding environment must be more active in monitoring and guiding children's behavior, especially in the use of gadgets and the internet.

Regulation and Law Enforcement:

The government needs to strengthen regulations related to online gambling activities and increase supervision and enforcement of illegal sites.

DAFTAR PUSTAKA

- "Android Application Security Analysis Using the Vulnerability Assessment Method." 2022. *Journal of Clinical Child and Adolescent Psychology* 51(6): 907–22. doi:10.1080/15374416.2021.1955370.
- Arnit Kurnia Sari et al. 2024. "The Impact of Online Gambling on Mental Health and Social Relationships." *The impact of online gambling on mental health and social relationships*. 3(2): 31–44. <https://e-jurnal.iainsorong.ac.id/index.php/Al-Hikmah/article/view/1539/1008>.
- Austin, Elizabeth J. 2008. "Emotional Intelligence." *The SAGE Handbook of Personality Theory and Assessment: Volume 1 - Personality Theories and Models*: 576–96. doi:10.4135/9781849200462.n28.
- Fauzan, M. 2020. "Dedi Mulyana, Qualitative Research Methodology of George Herberd Mead's Theory of Symbolic Interaction." : 68–70. [http://digilib.uinsa.ac.id/2958/3/Bab 2.pdf](http://digilib.uinsa.ac.id/2958/3/Bab%202.pdf).
- Ichsan Nurfadhil, Fauzi, Muhammad Nugratama Hidayat, and Fitri Sabina. 2024. "An Overview of Online Gambling Addiction." *Proceedings of the National Seminar on Management* 4(1): 595–601. <http://openjournal.unpam.ac.id/index.php/PSM/index>.
- ii, b a b, a Theoretical Study, and Definition of Religious Behavior. 2002. "Eliza

- Herijulianti, et al., Dental Health Education (Jakarta: Medical Book, 2002), 35. 1 9." : 9-32.
- "Control of Perceived Behavior - Overview _ ScienceDirect Topics." file:///C:/Users/User/Downloads/Kontrol Perceived Behavior - overview _ ScienceDirect Topics.mhtml.
- Lubis, Ramadhan, Putri Nabila, Nurul Nasution, Azzahra Lathifah, Hasraful, and Andina Fadillah. 2024. "The Evolution of Adolescents Aged 17-19: An Analysis of Their Growth and Development." *Journal of Education and Teaching Review* 7(3): 7899-7907. file:///C:/Users/User/Downloads/mrizal1,+243.+DOC-20240606-WA0053%5E.pdf.
- On, Erikson, Pai Learning, D I High School, Negeri Banguntapan, D I Yogyakarta, Ari Nurcahyati, and Ari Nurcahyati. 2025. "Yogyakarta 2025." *IMPLEMENTATION OF THE PSYCHOSOCIAL THEORY OF ERIK H. ERIKSON*. [http://digilib.uinsa.ac.id/2958/3/Bab 2.pdf](http://digilib.uinsa.ac.id/2958/3/Bab%202.pdf).
- Prabudi, Bagus, and Tiara Al. 2024. "THE EFFECT OF ONLINE GAMBLING ON MENTAL AND EMOTIONAL DISORDERS AMONG ADOLESCENTS IN PUJIDADI BINJAI VILLAGE IN 2024." *BUKIT BARISAN HEALTH JOURNAL*: 9-12. <https://jurnal.akperkesdam-binjai.ac.id/index.php/jkbb/article/view/164/126>.