



## The Impact of Internet Addiction on Introvert Personality

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### ABSTRACT

Personality is defined as a combination of the overall disposition with environmental influences. According to some opinions, Personality is divided into two personalities they are extrovert and introvert. A person with an introverted personality tends to be shy, does not talk much and is busy with what is in himself, and tends to be ignorant of others. The tendency of attitudes possessed by an introverted person makes him a careless person in the face of his outside world. The actions carried out by a person with an introverted personality tend to benefit himself and do not attach importance to how others are. Introverted personalities are formed by several things that are done or happen, one of which is Internet Addiction. Seeing the number of things that can be used on the Internet makes use by some people in an excessive way. Individuals who are actually able to interact well in the real world tend to choose to interact through the virtual world because of the convenience offered. As a result, the individual's ability to interact and socialize becomes dulled. The method used is a literature study. As for the purpose of this discussion, in order to be able to anticipate something that has a bad effect on blackness. From the discussion and research results, it can be concluded that there is a relationship or influence between Internet Addiction on Introverted Personality.

**Keywords:** *Internet Addiction, Introvert Personality, Impact*

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## INTRODUCTION

The Personality grows and develops continuously throughout life. Each individual has a different personality from one another. This is due to the formation of traits or personalities influenced by various things. Personality is defined by the combination of the whole of the bearing with the influence of the environment (Pletzer, 2019). A parable that can be used is that if our body is likened to a motor vehicle, then

Personality is the driver. The driver will change according to changes in life elements and experiences, as well as Personality. The formation of a person's Personality is not only due to the innate factors of that person. A person's Personality can also be formed from the environment that exists around him and things he often does (Akgunduz, 2018). This is what causes the Personality of each individual to have differences. The environment and experiences obtained by a person have an impact on the actions that occur to him (Krauss, 2020). With this, the difference occurs and the formation of Personality.

Personality is defined specifically. There are two types of Personality proposed by experts. According to Jung, "attitude is a tendency to act in a distinctive direction," it can be interpreted that a person tends to act according to something that is dominant in himself (Saltzman, 2018). According to Jung, the human Personality can be divided into two, namely the extroverted Personality and the introverted Personality. If the orientation of all things is determined by objective factors and external factors, then such a person is said to have an extroverted orientation. On the other hand, if a person has an introverted type and orientation, where in perceiving something, factors that come from one's own inner world. A person with an introverted personality type tends to have a shy nature, is not talkative, and tends to be self-centered (Luong, 2022). The tendency of attitudes possessed by an introverted person makes his naivety in the face of his outside world. The actions carried out by a person with an introverted personality tend to benefit himself and do not attach importance to how others perform actions. In fact, in essence, man should be able to provide benefits to others around him (M. F. Chen, 2020).

Because the introverted personality type focuses more on oneself and prefers to withdraw from the outside world or from the surrounding environment (Dominika, & Virilia, 2018) introverted personalities have difficulty developing social relationships and prefer to communicate personally and enjoy every activity that can be done alone. The introverted Personality spends more time with himself. Even though, as a social beings, humans should be able to socialize with others and do everything in a good way in order to have a positive effect on the individual (Rahmawati, 2020).

The attitude of the introvert directs the individual to the world in the subjective of his actions and thoughts are subjective. Introverted people tend to have a negative self-concept because of a lack of self-confidence as well as avoid communicating with others. He is afraid that others will mock them. In communication situations, he will be more silent (Shehni, 2020). With this, it can be interpreted that a person's Personality can be inclined toward one type of Personality. This is formed because of the environment and what it does. The activities carried out by a person will have an impact on his life and become innate in every activity he does. Judging from the definition above, the introverted personality type is more inclined to negative connotations. This is because individuals cannot carry out activities properly and experience more pressure. This is different from extroverted personalities. A person who has an Introverted Personality has difficulty communicating in the surrounding environment and is unable

to adjust well to his activities, even though when doing something, the individual needs help from others in order to gain experience from the activities he is going to do (Zainudin, 2019). This attitude allows a person to experience obstacles in the activities he does. This will certainly be a bad thing for the growth of performance, social and other things for an individual (Itani, 2020).

This study refers to a previous study conducted (Anggraeni, Husain, 2014) "A meaningful relationship between introverted personality types and Internet addiction in students. From the study can be drawn the conclusion that a person with an Introverted Personality refers more to something negative. A person with an introverted personality has pressure as well as a fear of opinion towards what he feels. Introverted personalities are formed by several things that are done or happen, one of which is Internet Addiction (Rahmawati, 2020).

In this day and age, the Internet is one of the things that is needed. Internet users cover all ages. By using the Internet, all needs can be obtained in an easier way. With the Internet, all information, products to entertainment can be accessed easily (Cerniglia, 2019). The existence of the Internet makes needs that are far more affordable and can be easily fulfilled. This is what makes the internet one of the things that is needed and a top priority for some individuals (Mahapatra, 2018). According to data recorded on Internetworldstats, internet users in Indonesia reached 212.35 million people in March 2021. With this number, Indonesia is in third place with the most internet users in Asia. Ranked 1st in China with 989.08 million inhabitants.

Using the Internet is not a bad thing. There are benefits when you can use it in the right way, but if it is used in an inappropriate way, it will have a bad impact on those internet users. Another thing that may happen when continuously using the Internet is internet addiction which has a bad impact on the activities to be carried out (Cimino, 2018). As the times progress, a person performs his activities instantly. Such as buying clothes, make-up products, watching, playing games, food, and other things through smartphones and using the Internet as a means. Some smartphone users use instant applications and social media such as WhatsApp, Facebook, Instagram, Line, Telegram, and others (Wahyudiyono, 2019). The use of social media and continuous activities can have an effect that is caused in the future or the impact felt when doing something.

Seeing the number of things that can use the Internet, and making use by others in an excessive way, is considered something that is not good for the individual. Excessive use can make a person addicted and cannot be separated from this and lead to experiencing disorders that interfere with their daily activities. With so many events that occur among the public regarding the impact caused by the Internet, it makes people conclude that the Internet can be one of the factors that cause negative impacts that will be experienced by someone who uses it (Yang, 2019).

Internet addiction is defined by many experts as one of the opinions young put forward. According to Young (1998), addiction has the potential to paralyze an individual's Personality (Dong, 2020). Individuals who are actually able to interact well in the real world tend to choose to interact through the virtual world because of the

convenience offered. As a result, the individual's ability to interact and socialize becomes dulled. This is what makes excessive internet usage refer to negative connotations that can cause bad things to the activities carried out by individuals. With this, it can be concluded that excessive use of the Internet can cause something that is not good for the individual and affect the activities he does, both in the present and in the future.

There is a phenomenon that occurs at SMPN 1 VII Koto Sungai Sariak, Padang Pariaman Regency, found in some class VIII students who tend to have aspects of Introverted Personality and excessive use of the Internet (Internet Addiction).

Researchers have conducted interviews and observations on the subjects of this study. In the results of the observations that researchers made, it was found that two students who had aspects of introverted Personality were addicted to playing on the Internet. And the researcher also conducted interviews with four other students. This interview was related to the actions that existed in those students who had aspects of introverted Personality and were also addicted to playing on the Internet. The interview also involved the parents and peers of the subject. After interviewing the subject, the researchers thought that the actions made by some of these students would certainly have a bad impact on their social life. Excessive use of the Internet can affect various things in a person's activities. If the individual cannot control the actions carried out, then negative things can happen to his life (Mylona, 2020). From the explanation above, obstacles such as social relations with the environment, communication, and other things can happen to related individuals. If the behavior is allowed, it will certainly further aggravate the development of the individual and have implications for the future.

In this study, the author would like to give the view that Internet Addiction can be one of the things that trigger introverted personalities. That, when a person uses the Internet excessively, it will have an impact on the activities he will carry out. Many moments will be passed by without feel the benefits of learning the moment. Basically, humans are able to face events calmly or find the best solution starting from the experience before the event occurs. Valuable experiences tend to occur in the environment of individuals related to others (Katsis, 2021). Because that is the importance of the individual socializing and daring to express the opinions he feels. Being able to control yourself in the use of the Internet is expected to be an improvement in the bad tendencies that will be felt by the individual. Based on the above phenomenon, researchers are interested in conducting research with the title "Internet Addiction as a Predictor of Introverted Personality in Class VIII Students at SMPN 1 VII Koto Sungai Sariak, Padang Pariaman Regency."

## **RESEARCH METHODOLOGY**

This research uses a literature study approach. Literature studies are studies used in collecting information and data with the help of various kinds of existing materials such as documents, books, magazines, and historical stories. Literature studies can also study various reference books and similar previous research results that are useful for

obtaining a theoretical basis for the problem to be studied. Literature studies also mean data collection techniques by reviewing books, literature, notes, and various reports related to the problem to be obtained (Möller, 2020).

This research is qualitative. The method used is a literature study or literature study using books, journals, and other literature as the main object. Data obtained from the results of literature studies or literature studies carried out and analyzed using descriptive analysis methods (Iacus, 2019). Namely the results of the analysis that are described clearly, objectively, systematically, and critically which are used as the basis for the author's ideas or views on the variables sought. Secondary data sources in this study are the journal *At – Taujih* vol 2 No 2 *The Role of Parental Parenting Towards the Formation of Self-Concept in Children*, *Journal of Talent Psychology* Vo 6 No 1 *The Role of Parental Parenting In The Formation Of Self-Concept In Children*.

## **RESULT AND DISCUSSION**

### **Understanding Introvert Personality**

Personality is one of the voices that become a reference in the actions that will be carried out by a person. Each individual has his own Personality and distinctive features (He, 2018). The personality type of a person is defined by several experts. Among them, according to Jung, there are two personality types, namely introvert and extrovert (Charli, 2021). According to Jung, introverted people always listen to their inner world with all the biases, dream fantasies, and individualized perceptions.

Jung also revealed that a person with a shy type of introverted Personality feels very wary around strangers and becomes very nervous in a lesser-known environment. The introverted Personality has difficulty developing social relationships and prefers to communicate personally with friends as well as enjoy any activities that can be done alone or with close friends (Esteban, 2022). An introverted person is calm in nature, prefers to withdraw, and is less friendly. He tends to plan ahead of time before doing something, keeping his feelings under constant control. Very sensitive to punishment rather than reward (Dennis, 2022).

According to Eysenck, the introverted person is interpreted as calm, passivity, social discourse, cautious, nurturing, deep-minded, gentleness, and strict self-control (Allemand, 2019). To maintain an optimal stimulus, introverted persons with a low sensory threshold are created, avoiding those situations that would lead to too much pleasure. Therefore, introverted persons will avoid activities such as wild social events. Introverted personalities seem to prefer boring activities (Feist, 2008).

The attitude of introversion directs the personal subjective experience, focusing oneself on the inner and private world where reality is present in the form of the result of anxiety (Zilberman, 2018). People with personality introversion enjoy introspection and are preoccupied with one's own internal life. Observation of the outside world exists. However, it is done selectively and uses its own subjective views. The introverted person's solution to the outside world is not good. His soul is closed,

difficult to get along with, difficult to relate to others, and less able to attract the hearts of others (Buecker, 2020).

From the explanation above, it can be concluded that the introverted Personality is a closed person. The view of something is done subjectively on its own. People with introverted personalities listen to their own inner world and have difficulty developing relationships with others around them (Oltmanns, 2018). The attitudes that individuals with introverted personalities tend to have are less friendly, more sensitive to punishments than gifts, and prefer to withdraw from existing group activities. In addition, the introverted person is characterized by a calm, passive nature and avoids situations that cause too much fun, and likes boring activities. With this, the introverted person is less able to attract the hearts of others (Hopwood, 2018).

### **Factors affecting introverted Personality**

According to Purwanto (Bagaskara, 2018), there are factors that affect Personality, including:

1. Biological Factors

It is a factor related to physical state, often called physiological factors. Everyone has different physical conditions from birth. This can be seen in every newborn baby. It shows that the physical traits that exist in each person are obtained from offspring, and some are the carriers of their respective children/people. This physical state plays an important role in a person's Personality.

2. Social Factors

What is meant here is the role of society, namely other human beings around the individual concerned. Traditions, customs, regulations, languages, and so on apply in society. The family also includes an important factor in the formation of a person's Personality. In the development of the child, the role of the family is very important and determines the formation of Personality.

3. Cultural Factors

The development and formation of Personality in each person are inseparable from culture.

### **Aspects of Introverted Personality**

The aspects of the Introverted Personality type, according to Eysenck, are the following (Gerlach, 2018):

1. Activity

Tends to be less physically active, less excited, easily tired, and prefers to be quiet and choose a calm environment.

2. Sociability

Tends to like activities that are done alone, has few friends, has difficulty expressing conversations with others, and tends to withdraw from social contact.



3. Risk-taking

Introverted Personality Types tend to like things that have been familiar and safely shaded

4. Impulsiveness

Introverted personality types tend to be careful and think long before making decisions, systematic and tend to think first before speaking.

5. Expressiveness

Introverted Personality Types tend to keep their feelings from being seen by others. They are usually cold and controlled in expressing their thoughts and feelings.

6. Reflectiveness

Introverted personality types tend to be interested in abstract and philosophical ideas, love to discuss, and love science.

7. Responsibility

Introverted personality types tend to be serious, reliable, trustworthy, and responsible.

Jung revealed that there are several aspects of the introverted Personality (Alwisol, 2018):

1. Thinking

People whose emotions are flat, taking distance from others, tend to favor abstract ideas instead of favoring other concrete people and objects. They wander with their own minds, no matter whether the idea is acceptable to others. Seems stubborn, inattentive, arrogant, and cold/unfriendly. The key word is the nature of taking distance-intellectual-impractical.

2. Felling

People who experience strong emotional feelings hide those feelings. The one who judges everything by using subjective perceptions instead of objective facts ignores traditional views and beliefs and is quiet, simple, and unpredictable. He was impressed to have a sense of self-confidence and harmonious soul life, but his feelings could suddenly be shattered by a storm of emotions. Ignoring the objective world, making the surrounding people feel uncomfortable, or being cold to him. The key word is quiet, childish, and non-indifferent.

3. Penindraan

Tends to be immersed in the sensations of his own soul and views the world as something unattractive. People who appear calm can control themselves but are also boring. It is not unaffected by fact/reality, but that fact/reality is accepted and interpreted subjectively, which is biased-can have nothing to do with the original fact. Extreme introversion-sensing is characterized by hallucinations, incomprehensible speech, or esophagus (only a certain person can understand). The key word is passive artistic nature.

#### 4. Intuition

They are isolated in a world of primordial images that they themselves sometimes do not know their meaning. They may also be incapable of communicating with others effectively. Tends to be impractical. Understand the facts subjectively. The key word is mystical nature.

#### **Definition of Internet Addiction**

The Internet is a medium that is now loved by almost all ages. The use of the Internet that is easily accessible makes all people able to use it easily (Černja, 2019). Everything that is desired to be obtained can be found on the Internet. This is what makes some people unable to escape the use of the Internet. Even some individuals are willing to spend the whole day just enjoying everything that is on the Internet. This can result in individuals experiencing internet addiction (Jeong, 2020).

Griffith emphasizes that internet addiction is a technology addiction, whereas it is a behavioral addiction that involves the relationship between humans and computers (Derevensky, 2019). One of the signs of a person experiencing internet addiction is the desire to use the Internet for an increasing amount of time and cannot be controlled for its use. Internet addiction has a devastating impact on individuals, some of which include problems in interpersonal, family, friendship, indifference to social relationships, and academic failures (Ryding, 2018).

According to Gannue and Dogan, Internet addiction is a failure to stop the desire to use the Internet excessively, a feeling of nervousness that leads to sadness when not using the Internet, and functional disorders in life such as Psychological, social, academic disorders, and difficulty working (I. H. Chen, 2022). Griffiths also describes that addiction to social networking sites is a variety of technological disorders and behavioral disorders that are similar in nature to gambling habits, so there will be a desire to repeat them again.

Greenfield found that online addicts feel a sense of displacement when online and are unable to manage key aspects of their lives because they are preoccupied online (Arpaci, 2018). They begin to lose important deadlines at work, spend less time with their families, and slowly withdraw from their normal routines. They ignore social relationships with their friends, co-workers, and with their communities, and eventually, their lives become uncontrollable due to the Internet. Internet addicts can not stop the desire to go online, so they lose control of the use of the Internet and their lives, like addictions (Silva, 2018). They become consumed with their internet activities, preferring online games, chatting with friends online, or gambling through the Internet, gradually ignoring family and friends in exchange for solitary time in front of the computer (Feng, 2019).

From the explanations of the experts above, it can be concluded that Internet Addiction is one of the things that is quite disturbing if it is not handled in the right way. As explained above, the Internet used involves humans and technology such as (computers, cellphones, and other media used to access the Internet). Internet Addiction



can make a person neglect the task that should be done (Berte, 2021). This is also interpreted as one of the failures of a person in using the Internet. Signs of a person being addicted to the Internet are seen from excessive use of the person when the individual is unable to stop his desire to use the Internet and feels sadness when not using the Internet, and there are Psychological, social, and academic disorders and difficulty learning (Jiang, 2018). A person who has experienced Internet Addiction tends to withdraw from the surrounding environment as a result of being too cool with the activities he does use the Internet. Another thing can also be felt by the individual when using the Internet for too long and causing harm to himself. Internet addiction causes the inability to manage key aspects of an individual's life due to preoccupation with online media (Seki, 2019).

### **Factors affecting Internet Addiction**

The amount of time spent using the Internet makes individuals unable to be separated from this. Some people tend to spend their time using the Internet without caring about the time it is used (Dennis, 2022). This happens because there are many things that can be presented on the Internet, which results in someone feeling satisfied and addicted to what is on the Internet (Molinillo, 2018). Within the individual, there is an impulse that moves a person to act and do all things. With this, researchers think that this will affect causing a person to carry out activities that he likes, including using the Internet for a long period of time.

Young (Umaidah, 2019) stated several factors of internet addiction, namely:

1. Gender

Gender affects the type of application used and the cause of the individual experiencing *internet* addiction. Men are more often addicted to online games, porn sites, and online gambling, whereas women are more often addicted to *chatting* and trading online.

2. Psychological Conditions

Internet addiction also arises due to emotional problems such as depression and anxiety disorders and often using the fantasy world of the Internet as a psychological diversion to unpleasant feelings or stressful situations.

3. Socioeconomic Conditions

Working individuals are more likely to experience internet dating than individuals who don't have a job.

4. Purpose and Timing of Internet Use

Individuals who use the Internet for educational purposes, for example, students and students, will use the Internet more to experience internet addiction, but if used for other things, it is possible that students experience internet addiction.

From the explanation, it can be interpreted that: Gender, psychological conditions, socioeconomic conditions of purpose, and time of internet use can be some of the things that trigger individuals to experience Internet Addiction.

### **Forms of Internet Addiction**

According to several experts in (Rachmawati, 2018), there are several types of internet addiction in terms of the activities carried out, namely:

1. **Cyber Sexual Addiction**

Circumstances in which individuals are addicted to downloading, using, and trading pornographic material on the Internet. They are also very often involved in adult chat rooms, obsessed with cyber-sex and cyber pornographic material.

2. **Cyber Relationship Addiction**

An addictive situation where individuals enjoy finding friends and relationships online. This individual becomes addicted to chat room services and is often involved in friendships and virtual infidelity.

3. **Information Overload**

A condition of individuals using the Internet to do web surfing is conclusive. Use can be a form of collecting Two-way interactions between internet users.

According to Young (2010) in (Rachmawati, 2018), Individuals can experience dating because there is an interest in the advantages provided by the Internet, one of which is the availability of communication services individuals get their own pleasure when they can interact in both ways through cyberspace where they cannot get it in the real world.

1. **Low self-control Ability**

According to Young (1999) in (Rachmawati, 2018), low self-control can cause individuals to be unable to manage their internet usage time so that excessive usage occurs. Self-control is an important factor in the occurrence of Internet addiction. Individuals who have low self-control tend to have an interest in the responses resulting from the use of the Internet (Vazsonyi, 2018). Low self-control can also make it difficult for individuals to regulate internet use.

2. **Ease of Accessing the Internet**

According to Widiana et al. (2004) (Rachmawati, 2018) Nowadays, internet facilities are very easy to get ranging from free to paid. The Internet can be accessed in various places such as schools, campuses, workplaces, and even at home. The Internet can also be accessed in various media such as computers, laptops, smartphones, and so on (Rodrigues, 2018).

3. **Lack of outside monitoring and control**

According to Andaryani (2013) in (Rachmawati, 2018), the supervision of less than the people around makes individuals use the Internet excessively to the point of addiction.

4. **Escape advises from individuals**

According to Widyanto and McMurran (2004) in (Rachmawati, 2018), Individuals assume that when they access the Internet and are in cyberspace, there is another life that can be used as a medium for escaping themselves from

problems faced in the real world. Individuals choose to access the Internet excessively because they get their own convenience that cannot be obtained in the real world (Pan, 2018). Individuals can experience Internet Addiction as a result of being easily accessible and providing everything that the individual wants to have data and data search.

5. Computer Addiction

An individual's tendency is obsessive toward online games that can cause problems in his life. Guerreschi (2011) in (Rachmawati, 2018) explains that in the 80s, computer games caused obsessive computer games and became problematic in organizational settings.

6. Social Network Addiction

A virtual community where everyone can create a public or semi-public profile.

7. Net Compulsion

Individuals like to use services that are included in the net compulsion, such as online gambling, online learning, and online trading. Internet addiction can cause psychological discomfort and behavioral changes.

From the explanation above, it can be concluded that there are several forms of internet addiction, including Cyber sexual addiction, cyber relationship addiction, and information overload. According to Young, the form of internet addiction is shown by Low self-control ability, ability to access the Internet, lack of outside supervision and control, individual self-escape advice, computer addiction, social network addiction, and net compulsion.

### **Aspects of Internet Addiction**

Individuals are told to experience internet addiction when they have fulfilled certain aspects of their behavior. According to Young (Umaidah, 2019), there are eight aspects that are referred to as internet addiction, namely:

1. Feeling preoccupied with the Internet
2. It requires additional time to achieve satisfaction while using the Internet.
3. Unable to control, reduce or stop the use of the Internet.
4. Feeling restless, moody, depressed, or irritated when trying to reduce or stop using the Internet.
5. Access the Internet longer than expected.
6. Loss of loved ones, jobs, educational or career opportunities due to time spent using the Internet.
7. Lie to family or those closest to them to hide further involvement with the Internet.

Using the Internet as an escape when facing a problem or eliminating unpleasant feelings, such as feeling helpless, guilt, anxiety, or depression (Ismail, 2020).

### **The Effect of Internet Addiction on Introvert Personality**

Internet Addiction is excessive use of the Internet. A person with internet addiction tends to use the Internet for a long time considering the time of use. This happens constantly and results in activities that should be done being left behind in order to play on the Internet. Individuals who cannot control internet usage are also included in internet addiction because, with internet addiction, he gets a lot of losses in their daily life. One of the signs of a person experiencing internet addiction is the desire to use the Internet for an increasing amount of time and cannot be controlled for its use. Internet addiction has a devastating impact on individuals, some of which include problems in interpersonal, family, friendship, indifference to social relationships, and academic (Peris, 2020).

Like addictions, they become consumed with Internet activities, preferring online games, chatting with friends online, or gambling through the Internet, gradually ignoring family and friends in exchange for solitary time at the computer (Ningtyas, 2012). Of course, this will be related to the Personality of the individual. Basically, humans as social beings should be able to interact with other individuals directly and be able to adjust well to the surrounding environment. But if the individual has difficulty in developing social relationships and avoiding communication with others, of course, this is something that needs attention. Why can this happen? According to Jung, there are two types of Personality, namely introvert and extrovert (Shehni, 2020). Introverted people always listen to their inner world with all the biases, dream fantasies, and individualized perceptions. A person with a shy type of introverted Personality feels very wary around strangers and becomes very nervous in a lesser-known environment. The introverted Personality has difficulty developing social relationships and prefers to communicate personally with friends as well as enjoy every activity that can be done alone (Dennis, 2022).

Some studies state the influence and relationship of Internet Addiction on Introverted Personality. Among them is a study conducted by (Anggraeni, Husain, 2014), "The Relationship of Introverted Personality Types with Internet Addiction in Class X Students at Sman 1 Banjarmasin". Based on the results of data analysis, it was concluded that the number of class X students at SMAN 1 Banjarmasin who had an introvert personality type was 40 respondents (80%); the number of class X students at SMAN 1 Banjarmasin who had internet addiction was 38 respondents (76%); the results of the analysis showed a meaningful relationship between introverted personality types and internet addiction in class X students at SMAN 1 Banjarmasin ( $p=0.046$ ).

Other research was also conducted by (Dewi, T. N., & Kuncoro, 2011) under the title "Affiliated Needs, Personality Introversion and Dependence On Facebook In Students." Based on this study, it can be concluded that: First, there is a very significant relationship between the need for affiliation and personality introversion with Facebook dependence; Second, there is a significant negative relationship between blindness and Facebook dependence; Third, there is a significant positive relationship between personality introversion and facebook dependence.

In the research conducted by (Raihana, 2010) under the research title “Differences in Internet Addiction Tendencies in terms of Introverted-Extroverted Personality Types and Gender.” Based on this study, it can be concluded that introverted men are more likely to experience internet addiction compared to extroverted men, while extroverted women are more likely to experience internet addiction compared to introverted women. With this, it can be concluded that excessive use of the Internet can trigger an introverted personality in an individual if it cannot be controlled in a good way.

## CONCLUSION

Based on the results of research and discussion, it can be concluded that there is a relationship or influence between individuals who are Addicted to the Internet (Internet Addiction) on introverted Personalities. This happens because playing on the Internet excessively can take a lot of time with yourself without involving others. In such use, it implies that many things are missed, including socializing with the surrounding environment. Individuals who are not used to interacting with the outside world tend to be difficult to adjust to and cannot express opinions properly to the general public. A person with an introverted personality is known to have difficulty in building relationships with the outside world and is unable to interact properly with the surrounding environment. Introverted people tend to spend a lot of time alone and have a character that makes some people less comfortable with their presence.

## REFERENCES

- Akgunduz, Y. (2018). Perceived organizational support, employee creativity and proactive personality: The mediating effect of meaning of work. *Journal of Hospitality and Tourism Management*, 34, 105–114. <https://doi.org/10.1016/j.jhtm.2018.01.004>
- Allemand, M. (2019). Self-control development in adolescence predicts love and work in adulthood. *Journal of Personality and Social Psychology*, 117(3), 621–634. <https://doi.org/10.1037/pspp0000229>
- Alwisol. (2018). *Psikologi Kepribadian* (Pertama). Universitas Muhammadiyah Malang.
- Anggraeni, Husain, & A. (2014). Hubungan Tipe Kepribadian Introvert Dengan Kecanduan Internet pada Siswa Kelas X di SMAN 1 Banjarmasin. *Berkala Kedokteran*, Vol 10 No.
- Arpaci, I. (2018). Individualism and internet addiction: The mediating role of psychological needs. *Internet Research*, 28(2), 293–314. <https://doi.org/10.1108/IntR-11-2016-0353>
- Bagaskara, Y. A. (2018). Pengaruh Tipe Kepribadian terhadap Kecenderungan Impulsive Buying. *Skripsi*.
- Berte, D. Z. (2021). Internet Addiction and Perceived Self-Efficacy Among University Students. *International Journal of Mental Health and Addiction*, 19(1), 162–176. <https://doi.org/10.1007/s11469-019-00160-8>
- Buecker, S. (2020). Loneliness and the Big Five Personality Traits: A Meta-analysis. *European Journal of Personality*, 34(1), 8–28. <https://doi.org/10.1002/per.2229>

- Cerniglia, L. (2019). A latent profile approach for the study of internet gaming disorder, social media addiction, and psychopathology in a normative sample of adolescents. *Psychology Research and Behavior Management*, 12, 651–659. <https://doi.org/10.2147/PRBM.S211873>
- Černja, I. (2019). Internet addiction test: Croatian preliminary study. *BMC Psychiatry*, 19(1). <https://doi.org/10.1186/s12888-019-2366-2>
- Charli, L. (2021). Extrovert and introvert personalities use inside outside circle and snowball throwing learning models. Dalam *AIP Conference Proceedings* (Vol. 2320). <https://doi.org/10.1063/5.0037757>
- Chen, I. H. (2022). Internet addiction and psychological distress among Chinese schoolchildren before and during the COVID-19 outbreak: A latent class analysis. *Journal of Behavioral Addictions*. <https://doi.org/10.1556/2006.2021.00052>
- Chen, M. F. (2020). The impacts of perceived moral obligation and sustainability self-identity on sustainability development: A theory of planned behavior purchase intention model of sustainability-labeled coffee and the moderating effect of climate change skepticism. *Business Strategy and the Environment*, 29(6), 2404–2417. <https://doi.org/10.1002/bse.2510>
- Cimino, S. (2018). A longitudinal study for the empirical validation of an etiopathogenetic model of internet addiction in adolescence based on early emotion regulation. *BioMed Research International*, 2018. <https://doi.org/10.1155/2018/4038541>
- Dennis, A. S. (2022). The Power of Introverts: Personality and Intelligence in Virtual Teams. *Journal of Management Information Systems*, 39(1), 102–129. <https://doi.org/10.1080/07421222.2021.2023408>
- Derevensky, J. L. (2019). Behavioral Addictions: Excessive Gambling, Gaming, Internet, and Smartphone Use Among Children and Adolescents. Dalam *Pediatric Clinics of North America* (Vol. 66, Nomor 6, hlm. 1163–1182). <https://doi.org/10.1016/j.pcl.2019.08.008>
- Dewi, T. N., & Kuncoro, J. (2011). Hubungan kebutuhan berafiliasi, Introversi Kepribadian Serta Ketrgantungan pada Fecebook pada Mahasiswa. *Proyeksi*, Vol. 6 Nom.
- Dominika, & Virlia, S. (2018). Hubungan Tipe Kepribadian Ekstrovert-Introvert dengan Penerimaan Sosial pada Siswa. *Konselor*, Volume 7 N.
- Dong, H. (2020). Internet Addiction and Related Psychological Factors Among Children and Adolescents in China During the Coronavirus Disease 2019 (COVID-19) Epidemic. *Frontiers in Psychiatry*, 11. <https://doi.org/10.3389/fpsy.2020.00751>
- Esteban, P. G. (2022). Should I be Introvert or Extrovert? A Pairwise Robot Comparison Assessing the Perception of Personality-Based Social Robot Behaviors. *International Journal of Social Robotics*, 14(1), 115–125. <https://doi.org/10.1007/s12369-020-00715-z>
- Feist, F. &. (2008). *Theories of Personality*. Pustaka Pelajar.
- Feng, Y. (2019). The Relationship Between Adolescents' Stress and Internet Addiction: A Mediated-Moderation Model. *Frontiers in Psychology*, 10. <https://doi.org/10.3389/fpsyg.2019.02248>



- Gerlach, M. (2018). A robust data-driven approach identifies four personality types across four large data sets. Dalam *Nature Human Behaviour* (Vol. 2, Nomor 10, hlm. 735–742). <https://doi.org/10.1038/s41562-018-0419-z>
- He, X. (2018). Consumer purchase intention of electric vehicles in China: The roles of perception and personality. *Journal of Cleaner Production*, 204, 1060–1069. <https://doi.org/10.1016/j.jclepro.2018.08.260>
- Hopwood, C. J. (2018). Interpersonal Dynamics in Personality and Personality Disorders. *European Journal of Personality*, 32(5), 499–524. <https://doi.org/10.1002/per.2155>
- Iacus, S. M. (2019). A theory of statistical inference for matching methods in causal research. *Political Analysis*, 27(1), 46–68. <https://doi.org/10.1017/pan.2018.29>
- Ismail, W. S. W. (2020). The relations of internet and smartphone addictions to depression, anxiety, stress, and suicidality among public university students in Klang Valley, Malaysia. *Perspectives in Psychiatric Care*, 56(4), 949–955. <https://doi.org/10.1111/ppc.12517>
- Itani, O. S. (2020). Exploring the role of extrovert-introvert customers' personality prototype as a driver of customer engagement: Does relationship duration matter? *Journal of Retailing and Consumer Services*, 53. <https://doi.org/10.1016/j.jretconser.2019.101980>
- Jeong, Y. J. (2020). Is smartphone addiction different from Internet addiction? Comparison of addiction-risk factors among adolescents. *Behaviour and Information Technology*, 39(5), 578–593. <https://doi.org/10.1080/0144929X.2019.1604805>
- Jiang, Q. (2018). Examining Factors Influencing Internet Addiction and Adolescent Risk Behaviors Among Excessive Internet Users. *Health Communication*, 33(12), 1434–1444. <https://doi.org/10.1080/10410236.2017.1358241>
- Katsis, A. C. (2021). Long-term effects of prenatal sound experience on songbird behavior and their relation to song learning. *Behavioral Ecology and Sociobiology*, 75(1). <https://doi.org/10.1007/s00265-020-02939-5>
- Krauss, S. (2020). Family environment and self-esteem development: A longitudinal study from age 10 to 16. *Journal of Personality and Social Psychology*, 119(2), 457–478. <https://doi.org/10.1037/pspp0000263>
- Luong, V. (2022). Does Personality Matter? Perceptions and Experiences of Introverts and Extraverts as General Surgeons. *Teaching and Learning in Medicine*, 34(3), 255–265. <https://doi.org/10.1080/10401334.2021.1922284>
- Mahapatra, A. (2018). Association of Internet addiction and alexithymia – A scoping review. Dalam *Addictive Behaviors* (Vol. 81, hlm. 175–182). <https://doi.org/10.1016/j.addbeh.2018.02.004>
- Molinillo, S. (2018). Social media-based collaborative learning: Exploring antecedents of attitude. *Internet and Higher Education*, 38, 18–27. <https://doi.org/10.1016/j.iheduc.2018.04.003>
- Möller, J. (2020). A Meta-Analysis of Relations Between Achievement and Self-Concept. *Review of Educational Research*, 90(3), 376–419. <https://doi.org/10.3102/0034654320919354>
- Mylona, I. (2020). The Impact of Internet and Videogaming Addiction on Adolescent Vision: A Review of the Literature. Dalam *Frontiers in Public Health* (Vol. 8). <https://doi.org/10.3389/fpubh.2020.00063>

- Ningtyas, S. D. (2012). Hubungan antara Self Control dengan Internet Addiction pada Mahasiswa. *Educational Psychology Journal, Volume 1*.
- Oltmanns, J. (2018). General Factors of Psychopathology, Personality, and Personality Disorder: Across Domain Comparisons. *Clinical Psychological Science*, 6(4), 581–589. <https://doi.org/10.1177/2167702617750150>
- Pan, P. (2018). Internet Addiction among Adolescents May Predict Self-Harm/Suicidal Behavior: A Prospective Study. *Journal of Pediatrics*, 197, 262–267. <https://doi.org/10.1016/j.jpeds.2018.01.046>
- Peris, M. (2020). Psychological risk factors that predict social networking and internet addiction in adolescents. *International Journal of Environmental Research and Public Health*, 17(12), 1–23. <https://doi.org/10.3390/ijerph17124598>
- Pletzer, J. L. (2019). A meta-analysis of the relations between personality and workplace deviance: Big Five versus HEXACO. *Journal of Vocational Behavior*, 112, 369–383. <https://doi.org/10.1016/j.jvb.2019.04.004>
- Rachmawati, D. (2018). Hubungan Kecanduan Internet terhadap Interaksi Sosial Remaja. *Skripsi*.
- Rahmawati, W. R. (2020). The effect of problem solving—Focused coping skill towards stressed nurses with extrovert and introvert personality. *International Journal of Psychosocial Rehabilitation*, 24(3), 2534–2560. <https://doi.org/10.37200/IJPR/V24I3/PR201899>
- Raihana, P. A. (2010). Perbedaan Kecenderungan Kecanduan Internet Ditinjau dari Tipe Kepribadian Introvert dan Ekstrovert dan Jenis Kelamin. *Skripsi Psikologi Universitas Belas Maret*.
- Rodrigues, J. J. P. C. (2018). Enabling Technologies for the Internet of Health Things. *IEEE Access*, 6, 13129–13141. <https://doi.org/10.1109/ACCESS.2017.2789329>
- Ryding, F. C. (2018). “Internet Addiction”: A Conceptual Minefield. Dalam *International Journal of Mental Health and Addiction* (Vol. 16, Nomor 1, hlm. 225–232). <https://doi.org/10.1007/s11469-017-9811-6>
- Saltzman, J. (2018). Development of Appetite Self-Regulation: Integrating Perspectives From Attachment and Family Systems Theory. *Child Development Perspectives*, 12(1), 51–57. <https://doi.org/10.1111/cdep.12254>
- Seki, T. (2019). Relationship between internet addiction and depression among Japanese university students. *Journal of Affective Disorders*, 256, 668–672. <https://doi.org/10.1016/j.jad.2019.06.055>
- Shehni, M. C. (2020). Review of literature on learners’ personality in language learning: Focusing on extrovert and introvert learners. *Theory and Practice in Language Studies*, 10(11), 1478–1483. <https://doi.org/10.17507/tpls.1011.20>
- Silva, M. P. L. e. (2018). The Use of Smartphones in Different Phases of Medical School and its Relationship to Internet Addiction and Learning Approaches. *Journal of Medical Systems*, 42(6). <https://doi.org/10.1007/s10916-018-0958-x>
- Umaidah, L. (2019). Hubungan Antara Kebahagiaan dengan Internet Addiction pada Mahasiswa. *Skripsi Psikologi. UIN Maulana Malik Ibrahim Malang*.
- Vazsonyi, A. T. (2018). On the development of self-control and deviance from preschool to middle adolescence. *Journal of Criminal Justice*, 56, 60–69. <https://doi.org/10.1016/j.jcrimjus.2017.08.005>
- Wahyudiyono. (2019). Implikasi Penggunaan Internet terhadap Partisipasi Sosial di Jawa Timur. *Jurnal Komunikasi Media dan Informatika, Vol.8 No 2*.

- Yang, S. Y. (2019). Relationships between depression, health-related behaviors, and internet addiction in female junior college students. *PLoS ONE*, 14(8). <https://doi.org/10.1371/journal.pone.0220784>
- Zainudin, Z. (2019). The effectiveness of cybertherapy for the introvert and extrovert personality traits. *Malaysian Journal of Medicine and Health Sciences*, 15, 105–109.
- Zilberman, N. (2018). Personality profiles of substance and behavioral addictions. *Addictive Behaviors*, 82, 174–181. <https://doi.org/10.1016/j.addbeh.2018.03.007>
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