

Legal Protection of Copyrighted Works Non-Fungible Token (NFT) in Digital Business

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Abstract

The purpose of this study is to find legal protection for Non-Fungible Token (NFT) copyrighted works in digital business. In today's digital business, the NFT (Non-Fungible Token) phenomenon is no longer foreign to millennials. NFT is a digital token used to represent ownership or rights to a digital work in the *blockchain chain*. In the context of copyright protection, NFT can be used to provide proof of ownership and authentication of unique digital works in digital business. NFT covers several aspects and broad applications, namely in the fields of art, music, games, virtual property, etc. This study is limited to NFT in the field of digital art. This shows that the field of digital art in the NFT application has become an idol for millennials to get economic value in addition to its legal protection. This research is a legal research normative with approach qualitative, concept, legislation. Method data collection through secondary data by taking previous research related to NFT protection. The analysis method is carried out qualitatively. The results of the study indicate that the legal protection of NFT copyrighted works in digital businesses has not been specifically regulated in Article 40 of Law Number 28 of 2014 concerning Copyright, so that further regulations are needed to protect copyrighted works applied in NFT to anticipate digital businesses that do not detrimental to the parties.

I. Introduction

Intellectual property law covers the rights that protect intangible works of the human mind, such as copyrights, patents, and trademarks. In today's NFT ecosystem, copyright is most relevant, as it gives the owner the right to control the use and reproduction of an original work of art, literature, drama, or music. Copyright is automatically created once an original work is created, and is owned by its creator (with some limited exceptions). This right can be transferred to subsequent owners for a limited copyright term. NFTs that reproduce celebrity images also relate to personality rights and the ability to control the use of one's name, voice, and face.

NFT (non-Fungible Token) has brought revolution in the digital art industry. Artists can create and sell their digital artwork in NFTs, providing unique proof of ownership and verified authentication on *the blockchain*. This also allows artists to earn royalties when their work is resold. The advantages of digital businesses include the ability to reach a wider market more globally, reduced operational costs, flexibility of time and location, and the ability to collect and analyze customer data to improve marketing strategies and business decision making.

Various forms or ways of doing digital business, namely including aspects of blockchain technology, Internet of Things (IoT) and other technologies to improve efficiency, customer experience and innovation in business operations. In general, digital business includes various types of businesses that utilize digital technology and the internet as the backbone to run their operations and achieve business goals. In essence, digital business is a business that uses digital technology and the internet as the main platform to carry out commercial activities. In digital business, products or services are offered, marketed, and sold online through digital platforms such as websites, mobile applications, social media, or electronic markets.

In the industry digital art and NFTs, there are many examples of art that have sold for high prices. Some famous examples include Beeple's digital artwork "Everydays: The First 5000 Days" which sold for millions of dollars, or the digital photograph "CryptoPunk #7804" which sold for over a million dollars. The value of NFT artwork is determined by many factors, including the popularity of the artist, the rarity of the work, uniqueness, and market supply and demand. It is important to note that the value and price of NFTs can be highly volatile and influenced by changing market factors. A high price at one time does not guarantee the same price in the future. Industry NFT art in Indonesia has also seen significant growth, with several artists and works selling on the NFT market. While we don't have any recent information on specific works, here are some Indonesian artists who have interesting attention in the NFT world. Creation a work NFT art is given exclusive moral and economic rights to the work as a form of legal protection. Moral rights are directly granted and absolutely related to the creator of the work and cannot be transferred to another party. with economic rights where these rights are rights obtained from a work to obtain economic benefits and profits from the work of art (Korengkeng, 2023).

The results of Ranti et al's research show that in terms of certainty regarding ownership, each NFT can be identified specifically and single as well as direct connected with address certain in *ethereum* Which show owner And information that is easy to verify. This can cause legal problems in terms of The work taken to be converted into NFT is a work of creation / intellectual property owned by other parties, then there will be a copyright infringement in the process of converting works into NFT / *minting* the done without permission from Creator / Holder Right Create whereas recording on *blockchain* adhere to ownership single that is party Which do conversion / *minting* Which will recorded as *creator* despite the fact that *the prior art* /work that underwent the *minting* process is work other parties (Mayana et al., 2022).

Research result Rohaini et al, that implementation NFT technology in protection riches intellectual is embodiment from development technology digital works in Indonesia. Use technology This For protect right riches intellectuals in Indonesia need arrangement in form regulation legislation . Formation law is part from arrangement activity a a society consisting of from individual human and combination from all its dimensions . Regulations legislation that regulates use of NFT in Copyright protection does not only functioning as umbrella law but also as form certainty law (rechtzekerheid , legal certainty), legal mitigation for stakeholders is form prevention from various type potential risk in possible Copyright protection can threaten later day . For overcome condition mentioned , it is necessary done study more carry on to urgency formation Regulation Legislation about use NFT technology in Copyright protection in Indonesia as method For overcome emptiness law in Indonesia. Regulation about this NFT aiming For reach justice and order that can give protection to society , and can give certainty law to public related with rule about use NFT technology . The intended regulations must also be customized with principle justice in Regulation Legislation in Indonesia where must reflect equal justice for every citizens . With added more rules specific , it is also expected to be able to provides a sense of protection and security to Creator work digital art in create a work new creation . This is naturally become reminder to digital artist who will make his work to be more notice creativity and originality in his work (Rohaini et al ., 2021).

The presence of NFT from perspective right create is a future system that provides protection for work digital art remembering right create Alone as right exclusive arising when a work realized No Because recording . With a work NFT digital art can become a form announcement at a time proof from right the creation contained inside it with help blockchain system that stores forever from proof footsteps ownership and transactions from work that digital art alone , but in all matter We must see 2 (two) sides that is in the relation with work especially work digital art in nature more public will always intersect with existence faith bad from other party to utilise work the digital art in a way No legitimate which gives rise to violation Good from moral and economy in right create (Tasya Patricia Winata, 2022) .

NFT allows creator digital content for give uniqueness , ownership , and value economy in work them . With use blockchain technology , information about ownership and authenticity of NFT is stored in a way decentralized and not can changed . This provides security addition for digital assets that can achieved through mechanism the underlying cryptography . One of the profit The main NFT is give solution For problem security digital assets . In the ecosystem traditional , difficult For determine and verify authenticity a digital assets . NFT introduces draft digital ownership that can verified in a way public . With NFT, someone can ensure that they is owner original from a certain digital works , such as digital art , songs , or items in game virtual.The blockchain technology underlying NFTs also provides transparency in matter value and transactions digital assets . NFT transactions are recorded in chain blocks that can seen by whom just , and this allow for transparent audit and verification ownership .

However , NFT also has side negative . One of the problems that arise is use digital works belonging to other people without permits sold on the NFT *marketplace* . This is has bring up debate about right copyright , ownership intellectual , and ethics in the digital world. Some case controversial has occurs where the work art or real digital content owned by others is tokenized into NFTs and sold by other parties without permission . This can become violation right create and give rise to problem law as well as impact negative for creator original .

2. Research Method

Study This use method legal normative with approach qualitative, conceptual, and legislative. Writing article this also uses type Approach Regulation Legislation (*The Statue Approach*) with Law no. 28 of 2014 concerning Copyright as material primary law and also journals, books, and literature others who discuss regarding Copyright as material law secondary using technique collection material law with system card (card system) then ended with use technique analysis description (Trihansyah et al., 2023) . Analysis qualitative done For help understand in a way in-depth and comprehensive impact use of NFT in digital business and how protection the law.

3. Results and Discussion

NFT Protection in the Intellectual Property Law System

Intellectual property laws were created as legal instruments aimed at providing protection to works and inventions, as well as their creators. This law is designed to prevent violations or misuse by irresponsible parties of the work. Copyright is an important aspect in the intellectual property framework, especially in the increasingly globally connected digital era. Organizations such as the WTO (World Trade Organization) and WIPO (World Intellectual Property Organization) play a role in overseeing and protecting intellectual property in the context of free trade and the digital economy.

Referring to UUHC Article 58(1) regarding NFT art as the image which is object right create that , " Protection right create on work art , in matter This image , is results creativity and intelligence human beings , and protected lifelong alive and for 70 years after creator passed away. However Thus , if right create the legal entity that holds it work NFT art creation , 50 years is term time protection right created by the creator , according to with UUHC Article 58(3). Explanation on We has know that NFT art is protected with right create for holder right create or its creator , towards the transformed NFT art become an action figure or in matter This work image created become real figure²⁷ , thing This has set up in The Berne Convention , specifically Article 2 (3), which explains that work the is a derivative work (work) derivatives), as for The contents of the article are " *A derivative work as an adaptation, translation, modification, musical arrangement of a literary or artistic work shall be protected as an original work without prejudice to the copyright in the original work* ". from the Article can We know together that results work transformed creation as derivative work the Good That adaptation , translation , change literary works or work art , setting music applicable Actually like work original without reduce mark from a work create the (Angelo & Dananjaya, 2022) .

NFT transactions are usually intended For work in video form or For work in video form or video clips of events from people such as video clips of events from people such as GIFs, sports events , virtual avatars, or GIFs, sports events , virtual avatars, or video games, music , and so on . video games, music , and so on . In addition , personal data No including In addition , personal data No including in things that can traded in things that can traded Because can harm someone , because can harm a person , but personal data is not work but personal data is not work someone and is data that someone and is data that is necessary guarded its confidentiality so that it is not need guarded its confidentiality so that it is not can misused so that No can misused so that No can protected by law on riches can protected by law on riches intellectual . Party third . Because the information intellectual . Party third . Because the information personal is one of the private objects is one of the objects protected by law , sell information protected by law , sell information personal in NFT is violate personal law in NFT

is violate Law . Personal data protection influence Protection of personal data influence method We communicate and trade , way We communicate and trade , so We need consider action So We need consider action prevention personal data protection prevention personal data protection as one of the part the most important thing as one of part most important thing that Indonesia needs . Data distribution is needed by Indonesia. Personal data distribution can increase possibility personal can increase possibility misuse of data by individuals who misuse data by individuals who do not responsible answer (Prameswati et al., 2022)

Work digital creation including NFT requires protection law , but as product new , NFT not yet own regulation remain in Indonesia, will but a number of rule related with NFT already being legalized . One of them is rules that have level enough violation height , namely about protection to work creation that becomes object in NFT as digital certificate or what is often called called with Copyright. In Article 1 paragraph (1) of the Law Number 28 of 2014 concerning Copyright defines Copyright as follows : Copyright is right exclusive the creator who arises in a way automatic based on principle declarative after a creation realized in form real without reduce restrictions in accordance with provision regulation legislation . However , NFT is not tangible goods (objects) , but just digital objects that are not tangible . Objects are arranged in the Civil Code Book II Concerning Objects, based on Article 499 of the Civil Code object interpreted as , object is every objects and every rights that can be become object from right belong to . Example from rights that can be become right owned by is right copyrights , patents , and others . As we know object differentiated become a number of category , Sri Soedewi Masjchoen Sofwan differentiate it become : 1) Tangible objects and objects No tangible ; 2) Movable objects and objects No move ; 3) Objects can used finished and thing No can used finished ; 4) The object is finished there are and things that will sound. The thing that will There is differentiated become a thing will There is absolute , thing at the moment That The same very Not yet there is , for example results harvest in season the upcoming harvest and the objects will there is relative, object at the time That Already there is , but for some people haven't there is . For example things that have been purchased but Not yet handed over ; 5) Objects in trade and goods outside trade ; and 6) Objects can be divided and objects No can divided . Of course only , as a legacy of the colonial era , of course law object No intended For covers digital objects . However in its growth , Indonesia acknowledges existence digital goods which are goods No tangible shaped information electronics , as regulated by the Regulations Government Number 80 of 2019 concerning Trading through system electronics . So, NFTs that use strands code as a token, can classified as digital objects in Indonesian law . (Tiran, 2022) .

Crime to work two- dimensional art and NFT is one of them form crime in activity digital economy , things the must noticed by the government . Because of the problem law that arises from weakness protection *cyberspace* own correlation close with growth the economy generated from transactions in (online) network . Regulations and restrictions by law needed Because everyone has obligation in implementation his rights that can limited by law as confession on the rights of others. Activities in the space *cyberspace* via electronic media beside give benefits and convenience but also open access For crime type new . So that breakthrough arrangement law needed to be able to provide a sense of security for artist on work his art . In the Copyright Law, Article 64 paragraph (1) states "The Minister organizes Recording and Deletion Creations and Related Rights products ." This is facilities provided by the government For help creator in to confirm his creation (Gidete et al., 2022) .

NFT is technology that enables creator For empowering creation they with access

easy, method safe, and tools For used with easy. This is allow creator For monetize work they in further process efficient. Since the existence of NFT, the creator can more easy monetize work they with more profitable. Copyright Law and ITE Law at present This No arrange regarding NFT. Although NFT is not yet set up through the Copyright Law and the ITE Law, but work create in NFT can protected because of work create in NFT including in room scope right create. Based on Article 40 paragraph (1) of the Copyright Law, " Protected works covering work in field knowledge knowledge, art, and literary works consisting of above:Books, pamphlets, displays work write published, and all results work write others;Lectures, lectures, speeches, and creations similar others;Tools the props made For interest education and science knowledge;Songs and/ or music with or without text; drama, musical drama, dance, choreography, puppetry, and pantomime; works art appearance in all form like painting, drawing, carving, calligraphy, art chisel, statue, or collage;Work art applied;Work architecture;Map;Work batik art or other motif art;Works photography;Portrait;Work cinematography; Translation, interpretation, adaptation, interest anthologies, databases, adaptations, arrangements, modifications and other works of results transformation;Translation, adaptation, arrangement, transformation, or modification expression culture traditional;Compilation Creation or data, either in a format that can be read with computer program or other media; Compilation expression culture traditional during compilation the is original work;Game video;Program computer."NFT as consequence from existence development technology new that can make it easier work and optimize potential human, then Still required existence study about How problematic law use Non-Fungible Token technology against right create (Rohaini et al., 2021).

In NFT transactions, in particular general there is three stages that must be done that is:

1) The tokenization process or tokenization

first process is enter work, good That in the form of songs, movies, digital images, to in a token. In this token, using blockchain system to ensure originality and ownership of object the.

2) Enter to in Marketplace or e-Commerce

The marketplace or e-commerce system already No foreign Again in life in society, especially in the pandemic era. In activities this artist as seller will meet with buyer virtually. If they agreed, then furthermore in this marketplace they will do payment with use cryptocurrency (cryptocurrency used usually Ethereum and Bitcoin) for an NFT.

3) Submission and Recording

If the transaction has carried out, in the NFT blockchain system will done recording about moment this is the ownership status or ownership of the NFT is at as well as Who owner the original. So that in one NFT can own long detailed transaction records about ownership In the stages the can seen that in NFT transactions do not only limited by law agreement, but also close the relation with right riches intellectual (Cahyaning Putri, 2023).

Arrangement Top Digital Business Work create NFT

Digital business refers to business activities conducted online using digital technology. In digital business, the use of the internet and digital platforms is the main means to carry out various aspects of business such as marketing, sales, distribution, and customer service. The definition of digital business includes various business models, including:

1. E-commerce (Electronic Commerce): Involves selling products or services through online platforms. Examples include online stores, e-marketplaces, or e-commerce platforms such as Amazon and Lazada.

2. Digital marketing: Using marketing strategies over the internet to promote products or services. This involves utilizing social media, online advertising, search engine optimization (SEO), and content marketing strategies.
3. Application and software development: Includes the creation, sale, and development of mobile applications, software, or other digital platforms. These can be mobile applications for business, management software, or SaaS (Software as a Service) platforms.
4. Affiliate business: Involves promoting someone else's products or services and earning a commission based on sales or actions taken by referred customers.
5. Dropshipping: A business model where the seller does not physically hold stock of the product. Instead, the product is shipped directly from the manufacturer or supplier to the customer after a sale is made. The seller acts as an intermediary and makes a profit from the price difference.
6. Digital services: Providing services online such as consulting, training, graphic design, content writing, or web development.

Digital businesses have various advantages, such as global market access, lower operating costs, flexibility of time and place, and great growth opportunities. However, it also requires an understanding of digital technology, online marketing strategies, and the ability to adapt to rapid changes in trends and technology. digital businesses that focus on e-commerce platforms are also often referred to as "marketplaces". A marketplace is an online platform that connects sellers and buyers, allowing them to do transaction buy and sell product or service .

In the *marketplace* Anyone can create an account and sell their work as an NFT digital asset, this open access raises the potential for copyright infringement. However, in the context of copyright law, NFTs can actually be a digital copyright protection tool because of their ability to tokenize, allowing artists to have their own copyright identity recorded in the blockchain system. (Mayana et al., 2022) . NFT is A innovation that can give room For more realize the Copyright Alone through proof ownership in the form of tokens or code unique recorded in blockchain (book) big digital) because with the existence of NFTs for artists new more easy market work painting digital . In fact matter this can also be become gap in Copyright infringement due to lack of validation process or verification on ownership A work digital painting . This is happen consequence Who just free For sell it in NFT form . There will be people who upload work digital painting with method copy work other people's paintings without to the best of my knowledge the creator or normal called plagiarism (Trihansyah et al., 2023) .

The provisions governing digital business is contained in Law Number 7 of 2014 concerning Trade, especially Article 65 which regulates the obligation to provide complete and correct data and information. Government Regulation Number 80 of 2019 concerning Trading Through Electronic Systems provides guidance on requirements, obligations of business actors, advertising, contracts, payments, delivery of goods, and dispute resolution in online businesses. Digital/online business actors must pay attention to the Consumer Protection Law which explains the rights and obligations of consumers as well as the prohibition on selling goods that do not comply with advertisements and halal production provisions. The Electronic Information and Transactions Law (UU ITE) regulates the distribution of information and transactions electronically, and states that electronic documents are legal evidence that is recognized. in procedural law in Indonesia.

Work NFT creation already fulfil provision law material in the form of digital assets . In article 499 of the Civil Code state that goods is each objects and each rights that can be become object from right owned . When compared with rule trading digital assets or regulated crypto in

Law Number 10 of 2011 changes on Invite Invite Number 32 of 1997 concerning Trading futures Commodity in Article 1 paragraph 2 states that Commodity is all goods , services , rights and interests others and every derivative from commodities that can traded and become subject contract futures , contracts sharia derivatives , and/ or contract derivative others. In theory , NFT can associated with digital text , including contract the law that contains type right or ownership property certain . Artistic NFT ownership rights usually determined by the specific platform used For issuing NFTs. NFTs can contribute to the development activity modern finance in the field right owned by as contract that explains right on object certain , or revealing facts proof ownership (proof) ownership). Therefore that , NFT can used as alternative from deed ownership (deed) ownership) or type contract others (exchange) function deed). Therefore that , NFT can classified as letter valuable Because act as proof ownership (deed) property) with explain authenticity object property . The letter Then can also be considered as commodities traded on the secondary market (Febriana et al., 2023) .

Legal Protection of Non-Fungible Token (NFT) Works in Digital Business

Basically , the works that have been auctioned own close relationship with Property Rights Intellectual . So that The role of IPR in NFT is very necessary because that is what becomes mechanism law use protect a works (NFT digital assets) are IPR. NFT is more appropriate it is said as mechanism licensing or as proof Supporter in transfer a work , but is not as the main evidence Because proof the main thing that is must shaped registration at the agency public . So here NFT is in nature just as IPR strengthener is not as substitute for IPR because IPR has privileges that are not owned by NFT. HKI has prohibition against others who use and commercialize a creation without permission and without royalties . In case the NFT is the opposite with IPR because NFT can disseminated and commercialized , such as examples that still exist warm under discussion that is Photo Ghozali who has circulating wide even commercialized by someone else who is not the owner through circulating memes expand via YouTube which can monetized . Within the scope of IPR, it is not can left alone matter the occurs , the IPR holder has choice For submit takedownin case This is . can to clarify that HKI has an important role Because Far more effective from NFT. So that every the works contained in the NFT will registered and listed in terms of IPR (Sulistianingsih & Khomsa Kinanti, 2022) .

The biggest difference between Cryptocurrency with NFT is “fungible” properties that provide flexibility to Cryptocurrency for can traded and exchanged with other assets that are identical and of the same value . Therefore uniqueness this , many interest from musician , artist, or activist art For issue NFT so that work art they can represented and also for sale even digitally in asset physical.composition technical NFT basics are very close the relationship use protect work from manipulation , duplication and production re-issue .(Riede & Grinschgl , 2018)NFT has superiority that is No can duplicated with easy because NFT has unique code separate and guarded neat in blockchain. Verification on NFT only can done by one owner so that can direct recognized by the system (Thalib & Meinarni, 2022) . NFT (Non-Fungible Token) is just proof detached ownership from right create , except otherwise agreed between creators and buyers of NFT (Non-Fungible Token). In the case of This right create can diverted to buyers , but right create still in hand creators , and buyers only own ownership of NFT (Non-Fungible Token). Every works owned by NFT (Non-Fungible Token) will recorded and registered in accordance with right riches intellectual For ensure that work the protected law . Michael Arrington, founder media company TechCrunch, successfully sell A apartments in Kiev in June 2021 via NFT (Non-Fungible Token) facilities (Reda Sukmawan, 2023) .

NFT in Copyright protection in Indonesia as method For overcome emptiness law in Indonesia. Regulation about this NFT aiming For reach justice and order that can give protection to society , and can give certainty law to public related with rule about use NFT technology . The intended regulations must also be customized with principle justice in Regulation Legislation in Indonesia where must reflect equal justice for every citizens . With added more rules specific , it is also expected to be able to provides a sense of protection and security to Creator work digital art in create a work new creation . This is naturally become reminder to digital artist who will make his work to be more notice creativity and originality in his work (Yulia et al., 2022) .

One of form creation work art that can become NFT digital assets are Portrait . Portrait is work photography whose object is human . Portrait can be one of form NFT digital assets that can commercialized through the OpenSea marketplace . In the terms law right creation in Indonesia, portrait protected as a Creation . So that Creator portrait entitled on right economic and moral rights contained within Portrait . Download action portrait of other people through website articles news For sold to NFT digital assets need reviewed from corner view law right create For see how far the perpetrator can do his actions said . Because basically in right create known existence agreement written (license) for give permission from other parties who wish use work create from creator original . Violation right create via the internet which can under review through Constitution Number 28 of 2014 concerning Copyright (UU HC), Law Number 11 of 2008 concerning Information and Transactions Electronics (2008 ITE Law), and Law Number 19 of 2016 concerning Changes to the Law Number 11 of 2008 concerning Information and Transactions Electronics (UU ITE 2016). Because basically regulation legislation the arrange about protection right create portrait and protection right riches intellectual property on the internet. Copyright is the basis most important from economy creative national , therefore protection and certainty law on right create important For guaranteed by the government (Chorry Shafira et al., 2022) .

In Indonesia, the problems emptiness law about this NFT Enough cause anxiety alone especially for people or specifically artist who wants to utilise its existence use to obtain great profitability . One of the example case namely Kendra Ahimsa and artists crypto with Twisted Vacancy name . Quote from thefineryreport.com page , Twisted Vacancy admitted that He get elements on his work that he take from the internet. Next element That placed to the bank its assets can utilized and used by himself as well as member his other team . It has been known that Twisted Vacancy takes element Kendra 's source from the internet and then use element and modify it his with a new design . In addition, Twisted Vacancy also succeeded sell his work with fantastic price . Copyright Law also does not own rules that require about transparency in NFT works so that with easy anybody can run it in a way anonymous in blockchain system . (Ivana & Adhi Nugroho, 2022) .

Based on Press Release No.9/HM/KOMINFO which is exact published on January 16, 2022, that Now the Ministry of Communication and Information (Kominfo) will do supervision to activity NFT transactions in Indonesia due to the more the popularity of NFT, explained a number of points , namely For No allow NFT transactions that violate regulation law , emphasizing specifically related with personal data protection and rights riches intellectual (including right create), second is platform owners must always ensure that the platform No used For activities that violate Law , because If Yes will charged sanctions administrative , and Ministry of Communication and Information will act firm in accordance law against those who do action violate law through activity NFT transactions . From here expected will become door Opener creation A the law that will arrange special relate with NFT in Indonesia. Examples of other countries that haven't own

regulation special about NFT is Romania, where NFT is there considered object so that Can linked with law those who regulate related object (Permata Liegestu, 2022) .

Introduction regulation about NFT in protection right create in digital business in Indonesia aims For overcome emptiness law . This is expected can give justice , order and protection to society , and give certainty law related use NFT technology . In designing regulation regarding NFT, it is important For uphold tall principle justice that exists in regulation legislation in Indonesia. Every citizens must get equal and equal treatment in matter protection right creation and use NFT technology . With existence more regulations specific , expected can provide a sense of protection and security for the creators work digital art in create works new . More settings clear and firm regarding NFT will also be become reminder for digital artists to more notice creativity and originality in work them . With existence protection adequate law , artist will feel more pushed For produce works unique and not Afraid work they will stolen or misused . In overall , settings about NFT in protection right creation in Indonesia aims For reach justice , order and protection for public as well as give certainty law related use NFT technology . With existence appropriate regulations with principle justice and more specific , expected capable give protection and sense of security to creator work digital art , as well as push creation works creative and original in Indonesia.

4. Conclusion

In general overall, protection work create NFT in digital business in Indonesia provides significant benefits, including protection clear law, improvement justice for creator work, respect to originality and creativity, encouragement for growth digital business, as well as improvement trust consumers. With proper settings, protection work create NFT can become booster for ecosystem strong and sustainable digital business in Indonesia.

There are some things that can concluded that Protection clear law: (1) NFT regulations in protection right creation in Indonesia can give framework clear and specific laws related use of NFT in digital business . This is give certainty law to the owners work create and encourage growth fair and sustainable digital business. Increase justice for creator work: With existence NFT protection , creators work digital art in Indonesia can feel more safe and protected in create, manage, and distribute work they . They can enjoy profit a fair and equitable economy control on right riches intellectual they . (2) Respect to originality and creativity: NFT settings in protection right create can become reminder for digital artist for more notice aspect originality and creativity in work them. With strong protection to right creation , artists in Indonesia are encouraged For produce works unique and innovative .(3) Encouragement for growth digital business : The right protection to work create NFT can give incentive to perpetrator digital business in Indonesia. They can developing a business model focused on selling and licensing NFTs , which in turn will push innovation and growth economy in the digital sector .(4) Increase trust Consumers : With existence clear settings about protection work create NFT, consumer will feel more believe For participate in NFT transactions . They can Certain that they get legal and legitimate access to digital works that they buy , give certainty and security in digital business .

Need compilation comprehensive regulations: in matter This The Indonesian government needs to develop comprehensive and detailed regulations about protection work create NFT in digital business. Regulation the must covers aspects like definition of NFT, rights ownership , licensing, and enforcement law . Involving experts law, perpetrator digital business, and creators work in compilation regulation can ensure its relevance and effectiveness .

Importance improvement awareness and education: Important For increase awareness and education about protection work create NFT among perpetrator digital business, creator works, and

consumers. Through campaign information, training, and seminars, people can understand importance right creation , benefits of NFT, and how to protect work create they in digital context

Need existence Formation institution supervisor: Government can consider formation institution supervisor special responsible answer For supervise implementation protection work create NFT in digital business. The institution can give guidance, conducting audits, and enforcing rule related right creation and use of NFTs.

Important existence cooperation between sector public and private : Required close cooperation between government , perpetrators digital business , and community creator work in develop ecosystem protection work NFT creation . Partnership This can covers providing a safe and reliable platform For NFT trading , incentive programs for creator works , and discussion forums For repair existing regulations . Strengthening enforcement law : Important For strengthen enforcement law related violation right create in NFT context . Needed serious effort from apparatus enforcer law For identify , act on , and provide sanctions to offender right create in a way effective. This will give effect deterrent and protective interest creator work as well as Consumers. Collaboration international : Indonesia can to weave cooperation with other countries that have own established arrangements related protection work create NFT. Through exchange knowledge , experience and practice best , Indonesia can enrich approach protection work create NFT domestically.

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