Know More Metaverse as The Technology of The Future

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Abstract. Technology is a science that refers to aspects of the skills to create innovations, ranging from tools to methods aimed at processing to help solve various human problems. Technology has a great influence on the progress of science and technology. The impact of the Internet and social networks is that the number of Internet users is increasing every time. With the development of technology, Internet users no longer need to meet in person to communicate. Technology is one of the main factors affecting human civilization, each time there are various technological developments, this will affect people's habits when using the Internet. One of the technological achievements of the Internet is the Metaverse technology, Internet users can interact easily and quickly. and safe. It is predicted that the development of metaverse technology will be the future of the Internet. Metaverse itself is a combination of several elements of technology, including virtual reality, augmented reality, and video, where Internet users will live in a digital world in the near future. The Metaverse is an endless digital world that is interconnected and can be used by users to work, make sales transactions, build cities, watch shows and games. The Metaverse is the first step towards realizing the digital world of business in the future.

Keywords: Metaverse, Internet, Technological Development, Future, Technology

1. Introduction

The Metaverse is a picture of the future in the world of the Internet. The Metaverse itself is a 3D virtual world, where in the Metaverse world people interact through avatars, so people can interact with each other directly through virtual ones. Metaverse also allows people to meet and collaborate without geographic restrictions. People can participate in collaborative activities such as games, research, sales, and teamwork. This allows people scattered around the world to connect and interact "face to face" in the metaverse. These factors make Metaverse technology the future of human Internet use [1].

The study shows that this Metaverse will become a new type of economy in the future. Since the metaverse has a self-sustaining and complete economy, cryptocurrencies and digital currencies are likely to become the dominant medium of exchange. Cryptocurrency itself is a digital asset created to work as a medium of exchange that uses cryptographic methods. This method has unique and strong characteristics to ensure the security of transactions on the cryptocurrency exchange itself. This currency has blockchain technology, namely technology

that can control the process of verifying the transfer of Currency or Assets. The most popular cryptocurrencies today are Bitcoin and Ethereum, but the list of digital currencies is likely to become more and more diverse as new currencies constantly appear [2]. This could affect how people work at work, allowing employees to do their work remotely for a short period of time.

The purpose of this study is to know the future of the Internet, one of which is the knowledge of 3D virtual technology, which is very useful for users, which can facilitate virtual group communication activities such as meetings, games, sales in the process of introducing virtual learning. This research method uses a descriptive analysis method with a qualitative approach.

2. Method

The way Metaverse works is using virtual reality (VR) and augmented reality (AR) tools. Augmented Reality (AR) is a technology that is beginning to be seen as an effective technology, so it makes the technology no less important than other emerging technologies. AR is one of the interactive technologies adapted to the real-world environment [3]. Using this technology, Metaverse integrates aspects of the digital and physical world. How to use it - using a virtual reality headset, augmented reality glasses, smartphone applications and several other devices. Metaverse has a rather idealistic vision, as seen in its work, which allows us to have virtual goods like cars and clothes from one platform to another [4]. This technology has the potential to have a significant impact on accelerating the pace of technology adoption and accessibility.

3. Results and Discussion

Refers to the data of Facebook users who will later launch a project where the project uses Metaverse technology [5]. The analysis results chart Facebook users in 2021 in the fourth quarter with multiple users totalling 1,929 million active users in the world. This will make Metaverse a widely used technology by people all over the world (See figure 1).
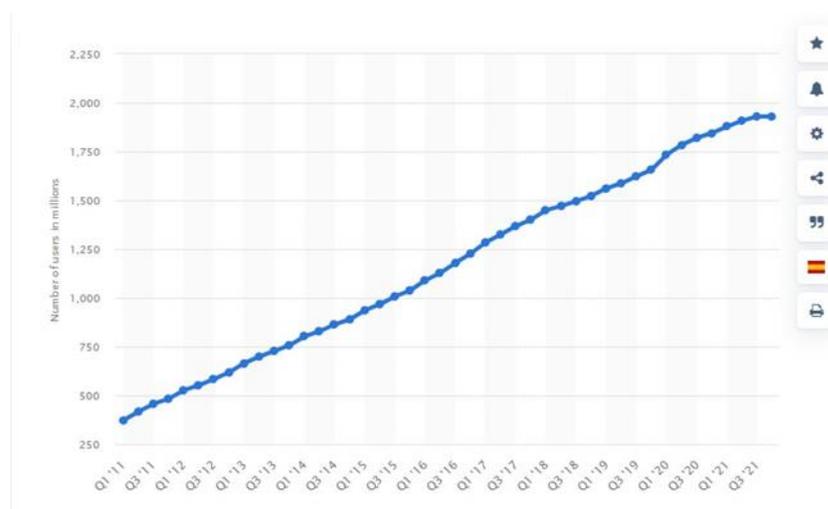

Figure 1. The analysis results chart Facebook users in 2021

The graph above is a graph of Facebook users with active users, the number of which is significantly and constantly increasing from time to time. Judging by the relevance of Facebook user data, the Metaverse is predicted as the progress of human civilization in the world [6-11]. This is because the Facebook company is working on a project based on metaverse technology, therefore metaverse will be a big change.

In addition to the Facebook user graph above, there is also the largest number of Facebook users in different worlds. The data that was taken refers to July 2021 (See figure 2).
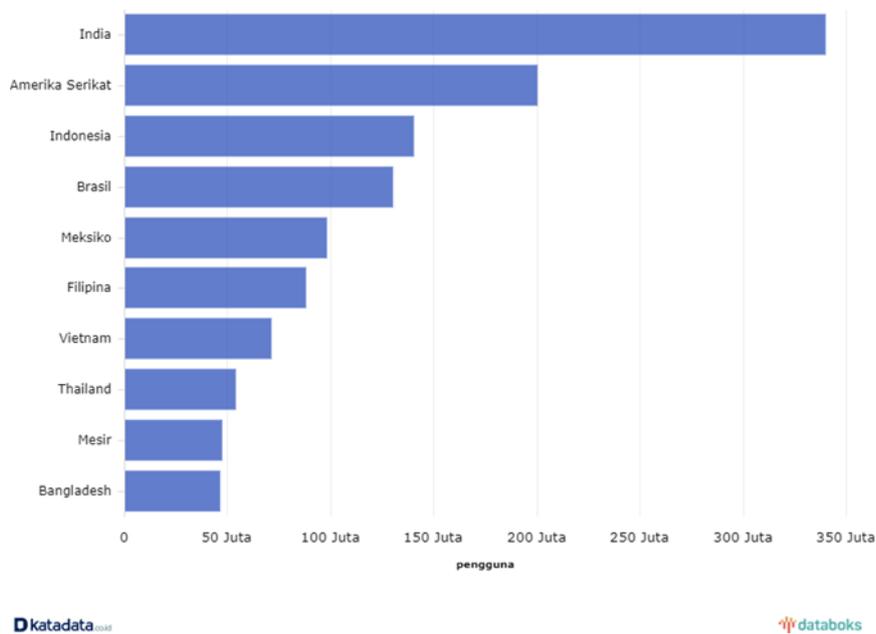

Figure 2. The most facebook user [6]

Based on the chart of Facebook users in the world, India is the country with the most Facebook applications (340 million users), followed by America (200 million Facebook users). Indonesia ranks 3rd with 140 million Facebook users, followed by Brazil, Mexico, Philippines, Vietnam, Thailand, Egypt and finally Bangladesh with 46 million users.

4. Conclusion

The future of the Internet will certainly continue to grow over time and become the center of human life, one of which is the metaverse. The Metaverse will become a new economy in the future because it has an independent, complete and simple economy for transactions and interactions between people. The 3D virtual technology owned by Metaverse is very useful for users who can facilitate various human activities through the virtual. Of course, Metaverse is a technology that has the potential to make a significant impact in making technology more accessible. According to users, Facebook has active users of up to 1.929 million users in the world by the end of 2021, this will make the metaverse a technology widely used by people in the world. There is also a technology that is still relevant and still associated with the Metaverse, namely NFT, which is a unique and non-exchangeable unit of data stored on the blockchain. On the blockchain, people can track the transfer, ownership and property of unique digital assets. The term non-fungible distinguishes NFTs from other blockchain entities, such as digital currencies or cryptocurrencies, which have the same value and are interchangeable or equivalent.

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