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The Internet and its global network are among such contemporary phenomena that change the world in a million possible ways. They provide endless opportunities for the development and introduction of a new reality for our society. The Web 3.0 concept is a great example that is worth talking about in more detail [1]. Web 3.0 is using decentralized online ecosystem, so its main aim is to help people in development and maintenance the web products and services they use. But Web 2.0 deals with amusing and dynamic web pages. In result, a lot of information could be deleted or changed. The main fact is that user's personal data is protected to avoid cybercrimes. And no one has access to your posts, videos, personal information and etc.

In Web 2.0 users have freedom to create dynamic apps, while current Web 3.0 has the blockchain technology. It is an encryption technology and registry, which are distributed across a variety of computers connected to a common network. This technology makes attacks more expensive and unreliable [1]. The addition of blockchain to the Web 3.0 allows apps to be dapps (decentralized apps). It means that apps which use this technology can't be deleted or blocked. There are a lot of blockchain platforms: Etherium, BigChainDBand, etc. Etherium has the open-source code which gives the opportunity to create dapps. It also allows creating and maintaining existing cryptocurrency. NFTs or non-fungible token support is the monetary aspect of Web 3.0. It has its own economic system without linking with central banks.

The demand for digital goods appeared long before people create NFTs. Many gamers have bought skins in CS:GO, Dota 2 and other games. Moreover, the cost of such skins was often expressed in completely non-symbolic figures. At that time, they bought programming code of skins, but now they understand that it is similar on NFT. All goods are unique, so that they cannot be replaced. And the most important thing is that a "digital token" is created by people who become owners and can dispose of their currency themselves. There is another way how to earn on NFTs. You need to buy or create new NFTs, just buy at a low price and resell higher.

Previously, Web 3.0 has been described as a decentralized system, because being self-governing entities that don't depend on central authorities [1]. So, users can exchange information without being under the oversight of intermediaries and can share *resources or functionality to other computer programs* and vice versa. And every peer or node has an identical copy of the ledger database. This makes Web 3.0 more transparent.

In conclusion, Web 3.0 is a decentralized online ecosystem, which relies on security, convenience, adaptability. This technology is just beginning to appear in everyday life, but one can find cases where it is used very well. People don't really want to switch because they're used to Web 2.0. Nevertheless, Web 3.0 gives more opportunities like working at home without leaving your house, creating NFT-pictures and dapps and selling them for digital currency.

References

1. The difference between Web 3.0 and Web 2.0. [Electronic resource]. Mode of access: https://www.codemotion.com/magazine/backend/blo ckchain/what-is-web3-and-what-new-capabilities-does-it-bring/ – Date of access: 14.03.2022.

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