

## **Assignment**

**Subject:** Blockchain

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### **Why Digital Identity on Blockchain?**

I believe digital identity on blockchain is one of the most exciting ideas in today's technology world. Right now, most of our personal information like ID cards, school certificates, or health records is stored in centralized systems. That means if the main database gets hacked or someone inside changes the data, our identity could be stolen or misused. Blockchain offers a new way to protect these identities by using a system that no single person or organization fully controls.

What makes blockchain special is its security and transparency. Every record added to the blockchain is verified by many computers, which makes it almost impossible to change or fake information. This helps build authenticity and trust. For example, if universities store diplomas on the blockchain, employers can easily check if the document is real without needing to contact the school. It also helps reduce forgery, which is still a big issue in many countries.

Another great thing is that people can have more control over their data. Imagine having a digital passport or medical record that only you can unlock and share when needed. This would make many processes faster, safer, and more private.

In my view, digital identity on blockchain is not just a trend it's a necessary step for a future where our online and real identities are secure and trustworthy.