

## Blockchain Async

<https://builtin.com/blockchain/blockchain-applications>

*Find and read an article describing a blockchain project you are excited about.*

*Write one paragraph explaining why you like the project. What are the potential benefits?*

### **Smart Contracts -Potential Benefits**

A blockchain project that I am excited about is in regards to “Smart Contracts.” For years, people have used contracts to solidify deals made. These contracts have had anything from a middle person transferring the contract for both parties to sign to both parties entering an office to sign in front of each other. With blockchain, there is no need for a middle party. This new system allows parties to instantaneously finalize results in a safe and encrypted way. Here are a few examples of what this means for certain contracts/parties:

- An entertainer can be paid immediately for new royalties added.
- In real estate, title issuance is completed instantaneously.
- In real estate, cryptocurrencies can be exchanged/received at signing for a property.
- In the healthcare world, personalized patient records can immediately be read.

*Write one paragraph explaining some potential problems the project may face. What are some concerns you have?*

### **Smart Contracts -Potential Problems**

While blockchain is known for providing a secure record of transactions and guarantees the security and fidelity of data without the need of a third party, there is always room for error. A potential concern the projects may face is the ongoing concern of information being hacked because all a hacker needs to access the data is one node to access the blockchain. Other concerns are the environmental usage and costs to run these programs: powering these programs requires a lot of energy. A third concern is the processing time block chains take to complete the task in comparison to traditional transactions.