

ABSTRACT

The development of computers today has gone very quickly and also digital financial system. Examples include bitcoin which is an electronic currency. Bitcoin has system which is the blockchain development. Blockchain is a bookkeeping financial can be accessed by public and blockchain can show all transaction data that ever happened in the bitcoin.

In this research discusses how the blockchain system can develop a new address on bitcoin and analyze the blockchain system in order to know the advantages and disadvantages of the system. Comparisons of several journals are determined from factors that can be analyzed, that is how to create a new address on bitcoin and combine address bitcoin from the sender to the address of the receiver.

The implementation research and address blockchain analysis on bitcoin will have the results that refers to making address bitcoin a safe and boost security of address the bitcoin. The working mechanism of blockchain in making address bitcoin which is already in the blockchain system.

***Keywords* — Address, bitcoin, blockchain, address bitcoin, SHA-256, Base58Check**