## **ABSTRACT**

The development of computers today is very fast and continues to grow rapidly. One of the current computer developments is in the world financial sector. Nowadays it is very difficult for the user to invest an item and secure its finances because there are so many crimes and irresponsible people taking and tapping our finances. So with the development of computers in the financial sector is very important and needed in the present so that our finances are safely under control.

This study discusses blockchain bitcoin works in the transaction sector. In the current development of computers in the financial sector in blockchain bitcoin transaction. In this case the author analyzes how blockchain bitcoin is doing the workings in transactions on the system.

Transaction is a data structure that encodes the transfer of values between users within a bitcoin system. Each transaction is a public entry in blockchain bitcoin. As well as being a large transaction bookkeeping globally.

Keywords — Bitcoin, Blockchain, Transaction Bitcoin, Simulation, Blockchain Bitcoin Sandbox.