

ABSTRACT

Provided is a blockchain based data management method. According to embodiments of the present disclosure, the blockchain based data management method performed by a computing device comprises recording a deletion event for off-chain data and time information of the deletion event in a blockchain network, and selectively deleting the off-chain data based on a validity verification result calculated for the time information, wherein the validity verification result is calculated using a time-consensus algorithm of the blockchain network.

FIG. 6