DEPRONE
DECENTRALIZED PROVED NEWS

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Abstract

News media is one of the most trending and active domains across the world. However, the chances of vulnerability increases when the consumption of the news increases. Many pieces of research are being taken to identify threats in the News Media Domain and the most important and emerging threats are Fake News and Biased News. Fake News is a kind of technique that is being used to deceive people. The spreading of Fake News is one of the major problems on the internet. Several solutions are being produced to identify the fake news and one of the famous and commonly used techniques was Machine Learning and Deep Learning methodology. However, the most accurate existing systems are developed as a centralized system where they can still not achieve the non-biased media and reduce the spreading of fake news.

Decentralization means the elimination of the control of the central authority. However, within this broad description, decentralization is a large process and stated in accordance with the plan's nature. Since the system is a news sharing platform that shares authentic news in a decentralized way, Blockchain technology was chosen to achieve the decentralization of the system to provide a better and accurate communication service to convey authentic news based on user interaction with some precondition algorithm for the news authenticity.

DeProne is a decentralized news sharing platform that runs on Ethereum Blockchain. The system is being developed to achieve non-biased news media and reduce the spreading of fake news. It also provides rewards for the user contribution.

Keywords: Ethereum, Blockchain, Machine Learning, Smart Contract, Solidity, Cryptocurrency, ERC-20, IPFS, Openzeppelin