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YouVoter

A Secure e-voting system using Blockchain
Technology

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Abstract

Electronic casting a ballot (e-casting a ballot) is an image of current majority rule government exercises. Because of the high ticket security and unquestionable status, e-casting a ballot framework has been blasting lately. Existing electronic casting a ballot frameworks all experience the ill effects of a genuine plan blemish: They are brought together by configuration, which means there is a solitary provider that controls the code base, the database, and the framework yields while additionally providing the checking apparatuses to confirm the outcome.

The absence of an autonomously undeniable framework implies that, when voters mark their vote decision, they should put their trust in the association that their vote is recorded and considered proposed. The absence of a freely evident yield makes it troublesome for these brought together frameworks to get the dependability required by voters, subsequently conceivably restricting voter support, or provide reason to feel ambiguous about uncertainty the distributed yield of a race.

To give a permanent, obvious and secure web based casting a ballot framework I mean to use the accessibility of the Blockchain as a safe exchange database. From this open record, voters will probably freely review the consideration of their vote, and the result of the decision all in all, while being certain that the outcomes can't be changed because of the unchanging nature of the Blockchain.

Key Words: E-voting, Blockchain, E-voting system, intelligent agents, multi-agent system, Voting system.