

ABSTRACT

The consumption of enormous time in the election booth paves a vital role in reducing the voting percentage of a country. This can be overcome with the help of an online voting system which provides you a user friendly and secured environment where user can easily vote from their location. For some years, online voting has emerged as a substitute for paper-based elections to reduce redundancies and anomalies. The recent point of view adopted in the past two decades shows that it has not been as successful for some period because of the cloud encryption and privacy observed. In our project we use cooperative blockchain to maintain information protection. We use cooperative blockchain, which means that an administrating entity owns the block chain (e.g., election commission), so therefore no unapproved access may be created from outside. This system requires a good internet connection of any private network sectors of an android operating system or an iOS operating system in mobile phones, laptops and tablets . Further the system collects the unique primary identification card, voter id and mobile number with respect to the voter's country to ensure no fraud or malpractice while voting. It professes to catch the protection and details the problems confronting the executive in block chain, and gives a better explanation of the online voting process. Through internet via voting the voter's time is minimized and the voting can be done quicker. Thus, the rate of voting can be increased by this online voting system.