Abstract

The E-voting promises the chance of convenient, straightforward and economical. Recently in cryptography some modifications guaranty to allow us to run difficult algorithms within the encrypted domain. During this state of matter, Majority technique may be a new scheme for a brand new electoral system. This system is with lots of mark able advantages, means a lot of concerned tallying method than first-past-the-post selection. To protect voter’s privacy, a method must be done b solely manipulating encrypted knowledge by Instant-runoff selection (IRV). Generally IRV referred to as hierarchic order selection, permits voters to rank their preferences for a specific workplace among multiple candidates. Though the precise strategies of vote calculations will vary, within the finish the system is determined to make sure that the winner has the support of a majority of voters. This scheme will effectively ensure confidentiality and integrity of ballot in instant runoff voting method.


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**Index Terms**

Computer Science

Security

**Keywords**

Online voting, encryption, decryption, ballot, Instant runoff