

Online Voting System using Face Recognitions

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Abstract: *To counter the growing threat of data tampering in the digital age, especially in critical processes like voting, we propose a decentralized national e-voting system utilizing secure Face Recognition technology. This system minimizes the risk of fraudulent votes and ensures accurate results. It features an admin panel for comprehensive election management, including scheduling, candidate oversight, and result declaration. Voters authenticate using their Aadhar ID and a live photo, with further verification via OTP. During the voting process, camera monitoring adds an additional layer of security. This platform promotes remote voting, improving accessibility for citizens in all areas, and its user-friendly interface maintains rigorous security. Detailed analytics, including demographic data, will enhance transparency and public confidence in the electoral process*

Keywords: Face Authentication, Security

