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E-Voting System with Face Recognition and Aadhar

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Abstract: The main goal of this system is to develop an online voting system that will aid in suppressing both the manual voting system's hardware and earlier iterations of online voting that used cameras for Face Recognition and OTP creation. For voters who are unable to travel to the voting location (their hometown), we are also introducing a location-free voting mechanism. Here, we provide a method with many layers of verification, including face and OTP verification with validation data, to guarantee the device's dependability. Each voter can only access the system after being identified and verified against the provided database of registered voters. Once the relevant face has been matched with the data, The voter will be given the opportunity to select the panellist they want

Keywords: OpenCV, Smart Voting System, Facial Recognition, OTP, VoterID, Winning party, Python.

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