

# Online Voting System

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**Abstract:** *My paper deals with the online voting system (OVS) that helps in solving the problems which include rigging the ballot during elections, the denial of a vote to the voter, insecure polling booths, and also inexperienced employees. The main aim of voting is to select the leaders of the people's choice. My online voting system is highly encrypted and secured, and it has a simple and interactive user interface. The proposed online portal is secured and has unique security features such as face recognition and unique id generation that gives the admin the ability to verify the user's information with an already saved image within the database which is retrieved from the UIDAI database of the government and to decide whether the person is eligible to vote or not. The voting portal is accessed more simply as the voter must log in by their aadhaar card number and click on his/her favorable leader to cast the vote. By using face recognition, OVS provides enough security which reduces the dummy votes. The system is also equipped with a chatbot that works as a guide to the voter which helps in the voting process.*

**Keywords:** Online voting system, Face Recognition based voting system, Aadhaar ID based online election

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