

ONLINE VOTING SYSTEM USING AADHAAR CARD

Aravind S T, Akash V, Deepika R , Vidhyavani A

¹ Main- Author, Computer Science and engineering, SRM University, Tamil Nadu, India

² Co- Author, Computer Science and engineering, SRM University, Tamil Nadu, India

³ Co- Author, Computer Science and engineering, SRM University, Tamil Nadu, India

⁴ Guide, Computer Science and engineering, SRM University, Tamil Nadu, India

ABSTRACT

Online Voting System using Aadhaar Card Project is developed for the threat free and user oriented Online Voting System. The Online Voting system is made for the people of the country residing around the world and wants to vote for their representative. The election can be conducted in two ways the paper ballot election and the automated ballot elections. The automated ballot elections are called the electronic voting. The online voting system is highly developed and the online polling system can be replaced by accurately and directly voting online and immediate results. The online voting system is done by the internet so it can be called the Internet Voting. In this system people who have citizenship of India and whose age is above 18 years of any sex can give his/her vote online without going to any polling booth. There is a database which is maintained by the election commission of India in which all the names of voter with complete information is stored.

Keyword : - electronic voting, automated ballot election, online polling system.

1. INTRODUCTION

Online voting system is an online voting technique. It is based on the other online services like “online reservation system”. In this system people who have citizenship of India and whose age is above 18 years of any sex can give his/her vote online without going to any polling booth. There is a database which is maintained by the election commission of India in which all the names of voter with complete information is stored. This system will increase the voting percentage in India and if high security is enabled,.



Fig -1 : Introduction page

2. CITIZEN REGISTRATION PAGE

Citizen registration page paves way for any citizen, who belongs to that particular nation to register his/her details like name , address , phone number ad specially aadhaar number, using which he/his eligibility to vote is checked. Once a citizen registers himself/herself , the admin, who has the powers to control the entire system, validates the correctness of the details entered by a citizen, thereby validating his/her eligibility to vote.

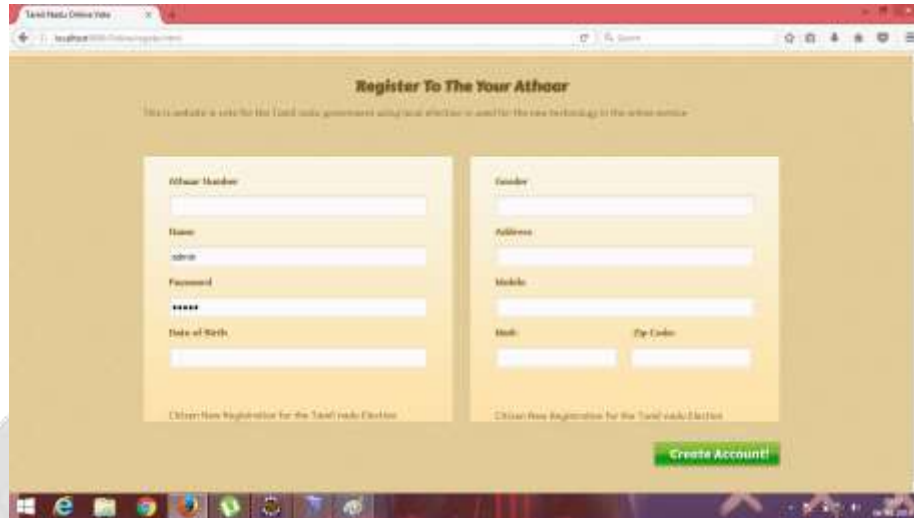


Fig -2: Registration page

3. LOGIN PAGE

The system provides two types of login - one for Admin and the other for the citizen who has registered with the system. The login page for Admin, asks the admin user for his username and password whereas the citizen login page expects the registered citizen to enter his aadhaar number and password that was created during his registration.

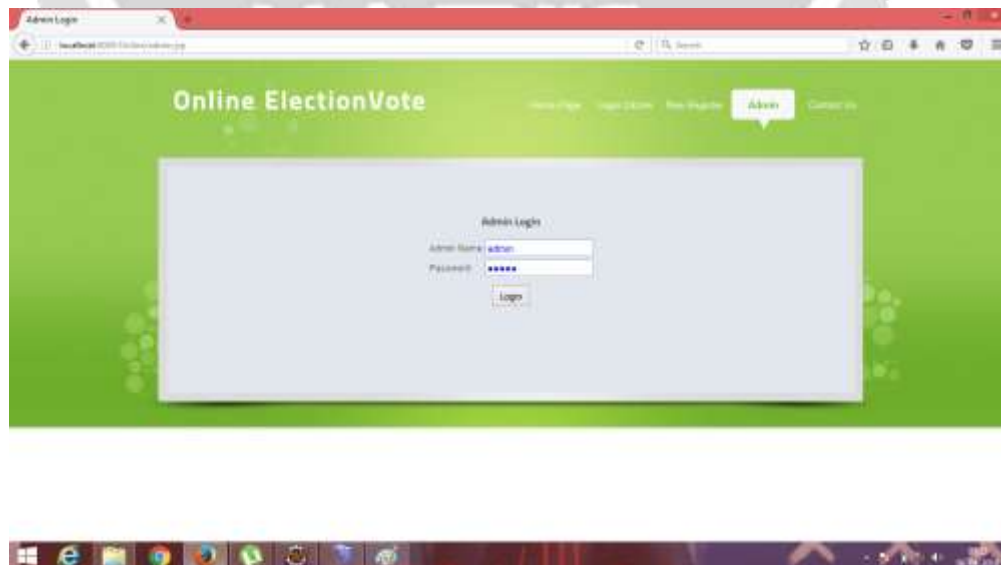


Fig -3: Admin login page



Fig -4 : Citizen login page

4. MAIN PAGE

Following the login page, the citizen gets to the main page where he/she has to choose the place where he is destined to vote. The citizen is then directed to the page where the list of all the parties contesting in the election from the chosen region are displayed. The citizen can cast his vote for his favorite contestant by clicking on the respective party.

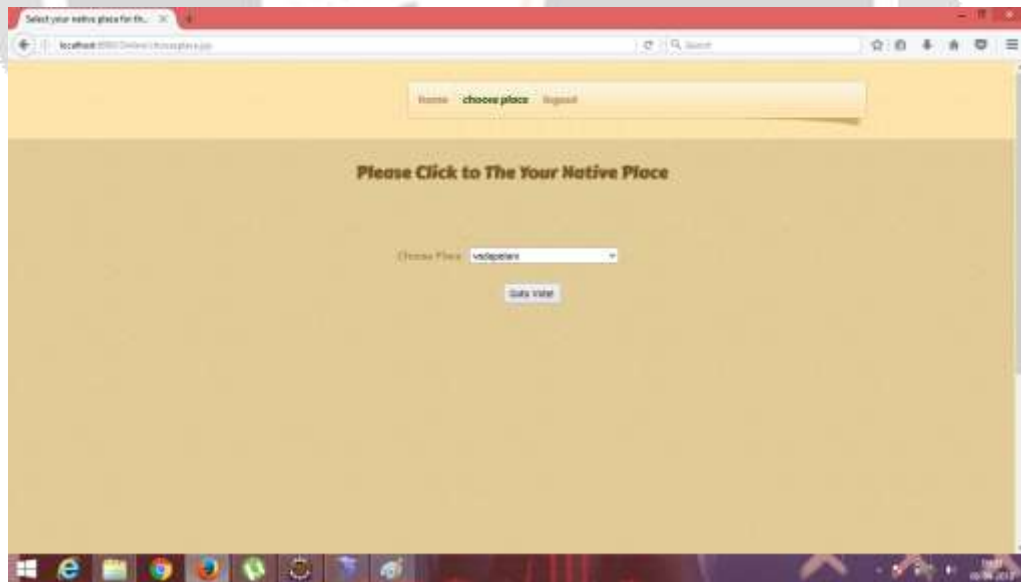


Fig -5 : Choosing place



Fig -6 : Selection of favorite party



Fig -6 : Voting page

4. CONCLUSIONS

This paper describes the proposed model for online voting system for India. The proposed system is much secure and efficient than the traditional voting system. Manipulation of votes and delay of results can be avoided easily. A unique AADHAAR identity is the centre point of our proposed model. It leads to the easier verification of both voters and candidates. In the proposed framework, we have tried to build a secure online voting system that is free from unauthorized access while casting votes by the voters. The server aspects of the proposed system have such distribution of authority that server does not enable to manipulate the votes. It is expected that the proposed online voting system will increase the transparency and reliability of the existing electoral system.

5. REFERENCES

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