Unique Identity Voting System

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Abstract - *QR scanning of aadhaar database serves to identify that the person authenticating is who he/she claims to be. Aadhaar identification is popular technique due to easiness in acquiring, availability of plenty sources for collecting data and their established use. This paper summarizes the research work carried out in aadhaar based authenticating technique, recognition methods and their performance analysis.*

Key Words: QR Scanner, Aadhaar Authentication, Aadhar Database, Cloud Database, Voting Console, OTP Registration.

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1.Introduction

Unique identity voting system which is an application. Namely the unique identity which means individual identity of that person who is enrolling .Aadhar which is one of india's top source for enrollment

The aadhar highlights are diverse for every voter. Aadhaar database is utilized as a verification of the voters. Voter can vote the applicant just once, the framework won't enable the contender to vote in favor of the second time. The framework will permit administrator to include the applicant name and competitor amass symbol who are named for the decision. Administrator just has the privilege to include hopeful name and gathering symbol who are selected.

The user can vote for the candidate who are nominated by using Aadhaar & biometry. The system will allow the user to vote for only one candidate. The system will allow the user to vote for one time for a particular election, more than one vote by voter will be notified to the authorities and system will give alert message .Admin can add any number of candidates when the new election will be announced. Admin can view the election result by using the election id.

1.1 Existing System

The Council of Europe recommendations defined electronic voting (e-Voting) as "the use of electronic means in at least the casting of the vote" (Krimmer, et al., 2007). Electronic voting is a term encompassing several different types of voting, embracing both electronic means of casting a vote and electronic means of counting votes. Electronic voting systems are complex distributed systems, whose components range from general-purpose PCs to optical scanners and touch-screen devices, each running some

combination of commercial off-the-shelf components, proprietary firmware, or full-fledged operating systems.

1.2 Draw Backs of Existing System

• Chance for fake vote is more
• Time consuming
• Manpower for election duty is more

2. Design

2.1 Flow Diagram

Flow chart or flow diagram... is a diagram that visually displays interrelated information such as events, steps in a process, functions, etc., in an organized fashion, such as sequentially or chronologically.
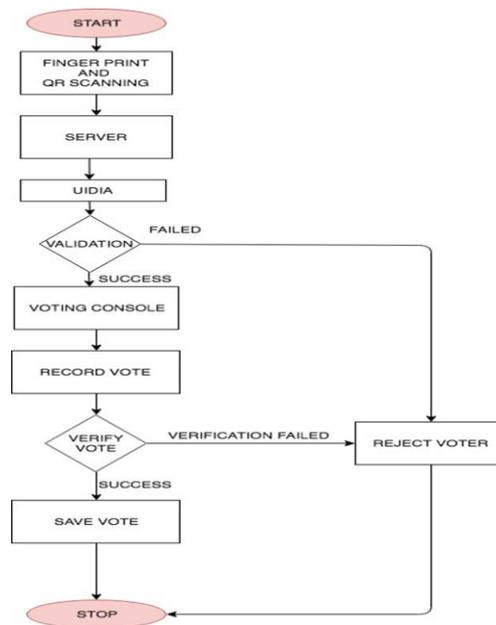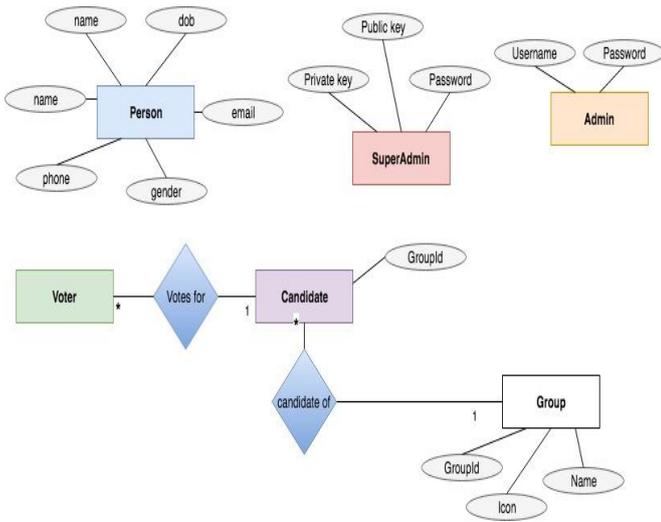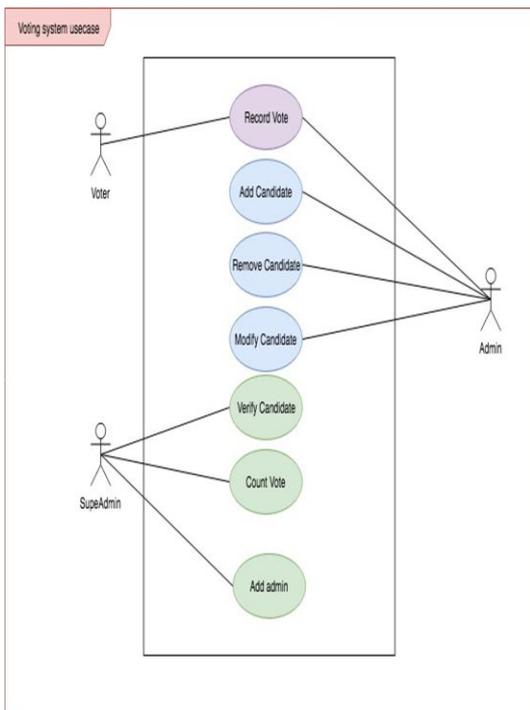

Fig 1: flow diagram

Fig 2:E-R diagram

2.2 Use case Diagram

Fig 3:usecase diagram

A **use case diagram** at its simplest is a representation of a user's interaction with the system that shows the relationship between the user and the different use cases in which the user is involved. A use case diagram can identify the different types of users of a system and the different use cases and will often be accompanied by other types of diagrams as well.

3. CONCLUSION

The undertaking "UNIQUE IDENTITY VOTING SYSTEM " accept extreme answer for the current bothers. In the wake of being tried and being observed to accomplish what is implied for the framework is 100% mistake free. In the wake of investigating the task we go to a superior created voting framework to beat the traditional method for voting techniques and an easy to use interface, voters think that its simple .By aadhaar UID, the false sections for voters can be identified. For next race the hopefuls names and gathering symbol can be included and erased from the voting machine by the superadmin. This gives a safe, productive and exact path for the creating voting framework techniques. Despite the fact that underlying venture of these machines are high, This framework lessen much cost by wiping out utilization of tally papers transportation and capacity of these ticket papers in the wake of voting, work drive utilized in checking of these votes et cetera sets aside a great deal of cash. Right now such a large number of recognizable proof records are utilizing for the voter's verification, through this framework we can switch into aadhaar card for secure and productive voting process. Accordingly to close the venture "One of a kind IDENTITY VOTING SYSTEM" enhances general execution of voting

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