E – FRANCHISE SYSTEM

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INTRODUCTION

- " E- FRANCHISE SYSTEM" IS AN ONLINE TECHNIQUE. IN THIS SYSTEM PEOPLE WHO ARE CITIZENS AND WHOSE AGE IS ABOVE 18 YEARS OF AGE AND ANY SEX CAN GIVE HIS/HER VOTE ONLINE. WITHOUT GOING TO ANY PHYSICAL POLLING STATION

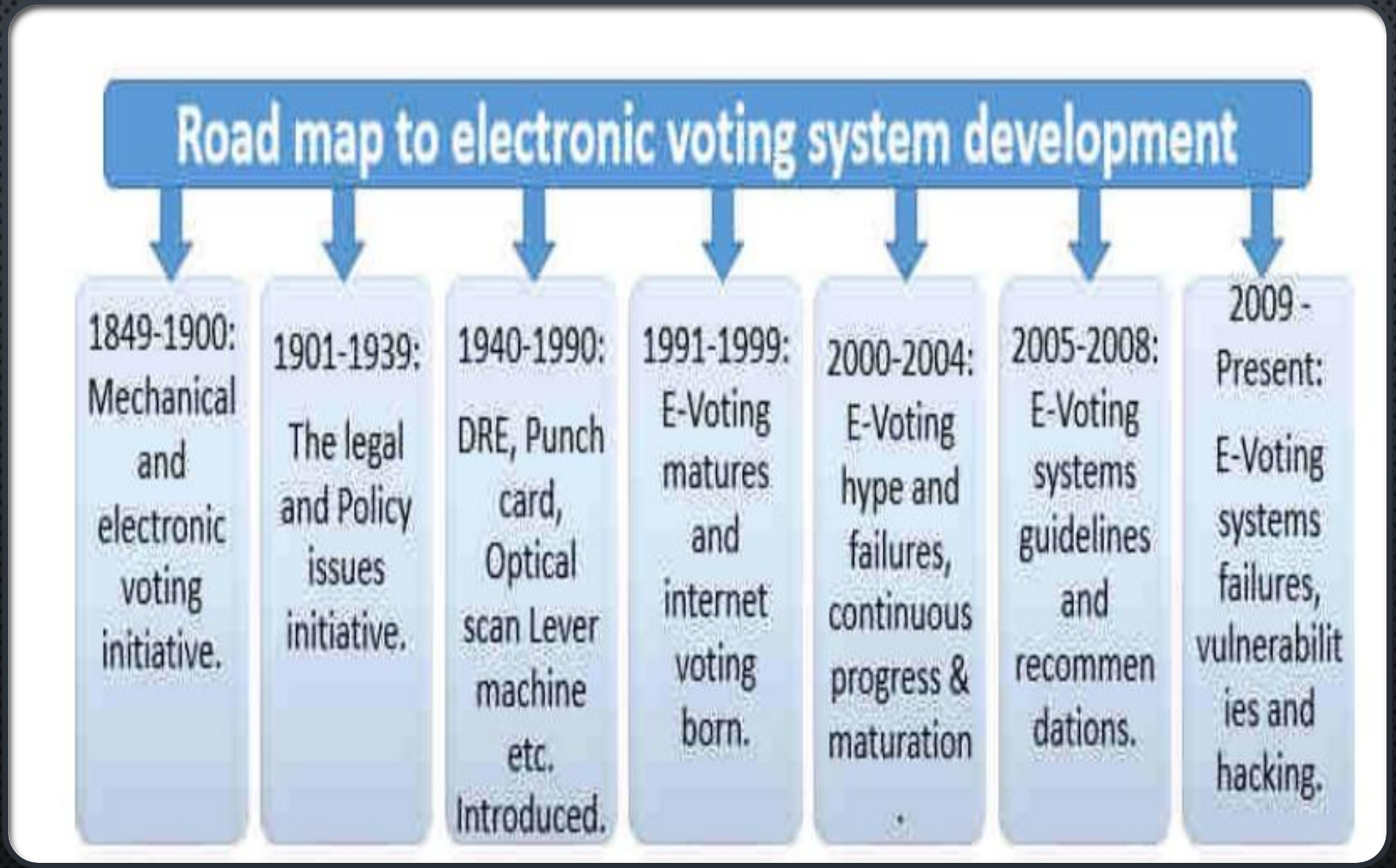
IN ONLINE VOTING SYSTEM a voter can use his/her voting right online without any difficulty .He/she has to be registered first for him/her to vote manually .

Registraion is mainly done by the system administrator for security reasons.

After registration the voter is assigned a secret login ID and password with which he she can use to lock into the system and enjoy services provided by the system such as voting.

if invalid wrong details are submitted then the citizen is not registered to vote.

LITRATURE SURVEY



As the world watched the electoral drama unfold in Florida at the end of 2000, people started

wondering, "Wouldn't all our problems be solved if they just used Internet Voting?".

People all over the world soon started taking a hard look at their voting equipment and procedures, and trying to figure out how to improve them .

There is a strong inclination towards moving to Remote Internet Voting – at least among the politicians – in order to enhance voter convenience, increase voter confidence and voter turnout. However, as will be seen later in this paper, there are serious technological and social aspects that make Remote Internet Voting infeasible in the visible future. Therefore, many technologists have suggested that remote poll-site electronic voting, where the voter can vote at any poll-site (not only his home county poll-site), seems to be

the best step forward as it provides better voter convenience, but at the same time, does not

compromise security. This paper presents a survey of the state of the art in Electronic Voting,

including the various works done in Internet Voting (and the arguments against its use), as well as in electronic poll-site voting.

E – FRANCHISE SURVEY

- Electronic voting refers to the use of computers or computerized voting equipment to cast ballots in an election. Sometimes, this term is used more specifically to refer to voting that takes place over the Internet. Electronic systems can be used to register voters, tally ballots, and record votes.
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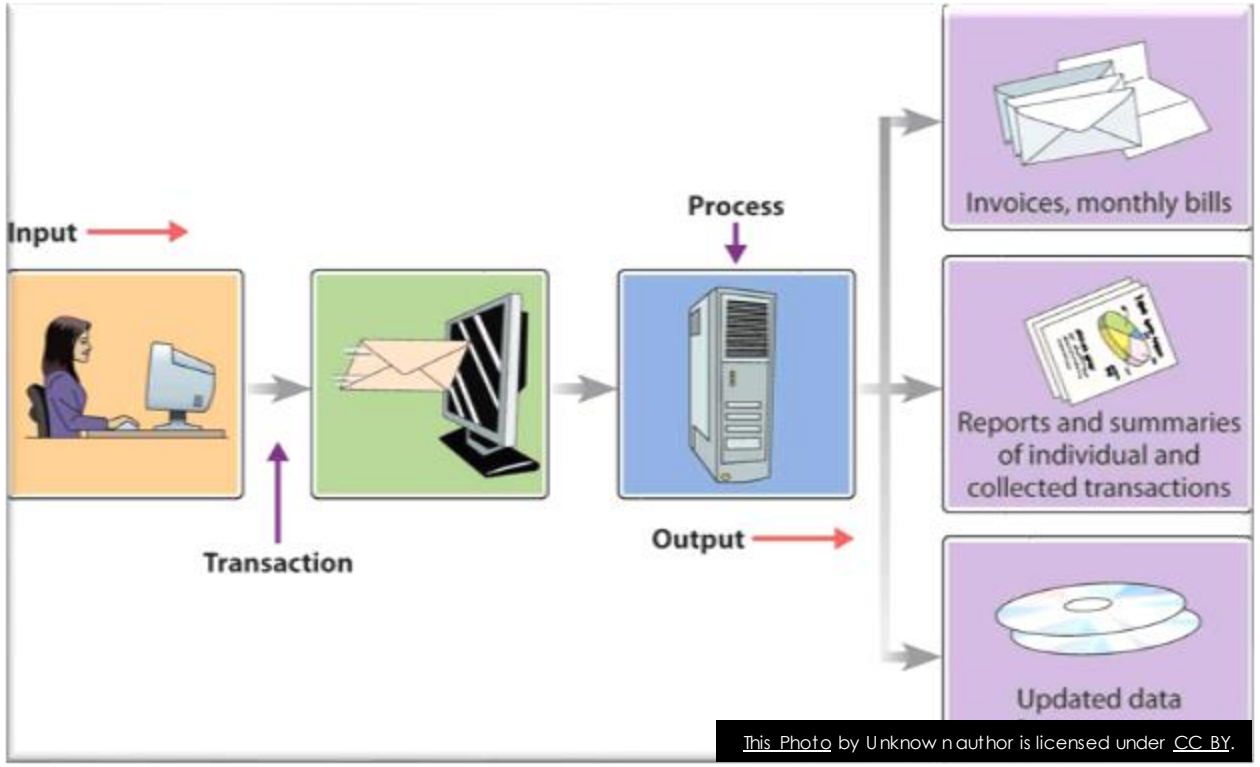

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EXISTING SYSTEM

- EXISTING SYSTEM IS A MANUAL ONE IN WHICH USERS AND THE DETAILS OF THE CANDIDATES ARE STORED IN BOOKS.
- THE USERS HAVE TO WAIT A LONG TIME IN QUEUES FOR VOTING
- WRONG AND UNWANTED VOTES ARE GIVEN
- COUNTING OF VOTES ARE DONE MANUALLY WHICH TAKES LOTS OF TIME AND INACCURATE COUNTING IS DONE.
- IT IS VERY DIFFICULT TO MAINTAIN HISTORICAL DATA.
- IN THE EXISTING SYSTEM, THERE IS COMPULSORY NEED IN PHYSICAL PRESENCE IN THE TIME OF ELECTION POLLING OR VOTE COUNTING.

CHALLENGES IN VOTE APPLICATION DEVELOPMENT

One of the biggest challenges in vote application development is ensuring the security and integrity of the voting process. With so much at stake, it is essential that developers take every precaution to prevent tampering and ensure that votes are accurately recorded. This can be achieved through a combination of encryption, authentication, and rigorous testing.

Another challenge is designing an interface that is intuitive and user-friendly, while still maintaining the necessary level of complexity to ensure accuracy and security. Developers must strike a delicate balance between simplicity and functionality, taking into account the needs of both novice and experienced users

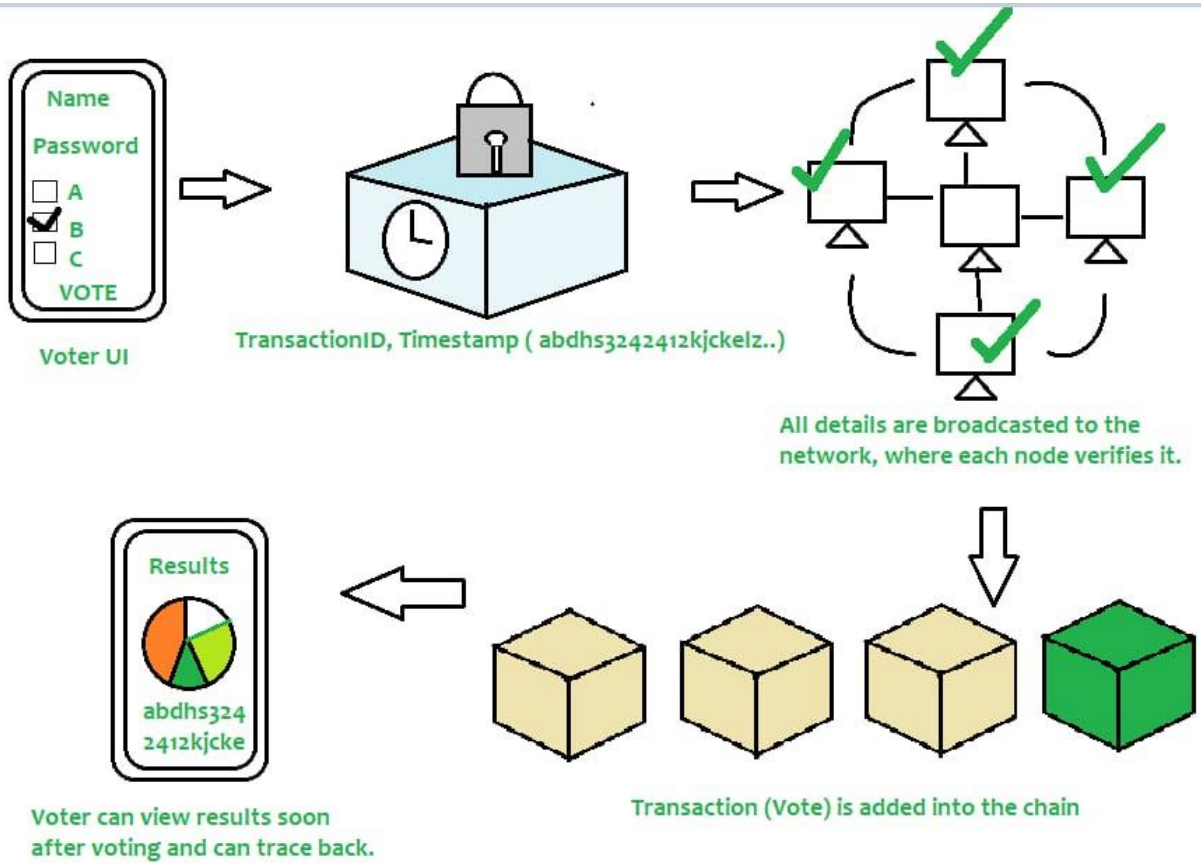
DISADVANTAGES OF EXISTING SYSTEM

- It is difficult to maintain important information in books.
- More manual hours are needed for counting of votes.
- It is tedious to manage historical data which needs much space to keep all the information regarding the voters and the candidates.
- Voters have to wait in long queues for voting they have to travel long distances.

PROPOSED SYSTEM

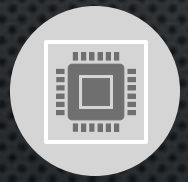
- In proposed system the voters can vote online from anywhere using Mobile phones, computers or laptops.
- The proposed system does not require any physical presence during vote polling or counting.
- The proposed system has good authentication so only authorized person can able to vote and also cannot vote multiple types.
- Vote Counting can be made very quickly and results will be displayed in few minutes.
- It is very easy to manage historical data in databases.

ARCHITECTURE



SYSTEM REQUIREMENTS

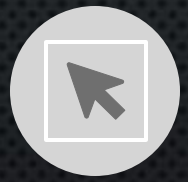
HARDWARE REQUIREMENTS



System : I5 processor

Hard Disk : 500 GB.

Monitor : 15'' LED



Input Devices : Keyboard, Mouse

Ram : 8 GB

SOFTWARE REQUIREMENTS

Operating system : Windows 10.

Coding Language : HTML,CSS,PHP

Tool : VS CODE

Database : SQL

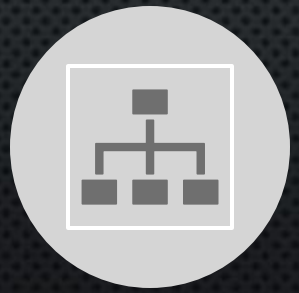
TECHNOLOGY USED

APPLICATIONS

The voting system used for Politics to select any kind of Representative.

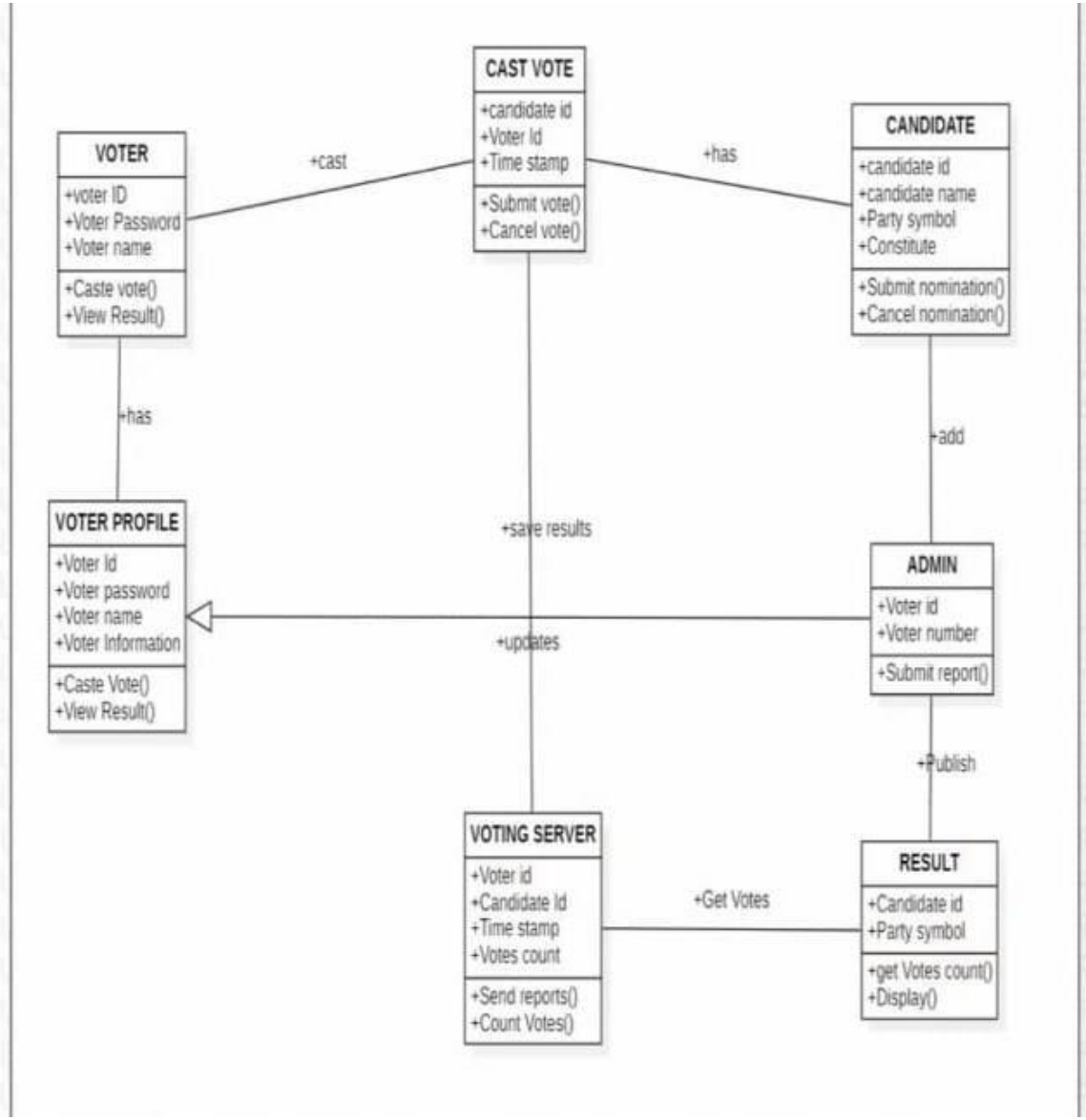
It is also used in Schools to select any Class Leader or for appointing any new Teacher.

It is also used by the Industrialization to select a Union.



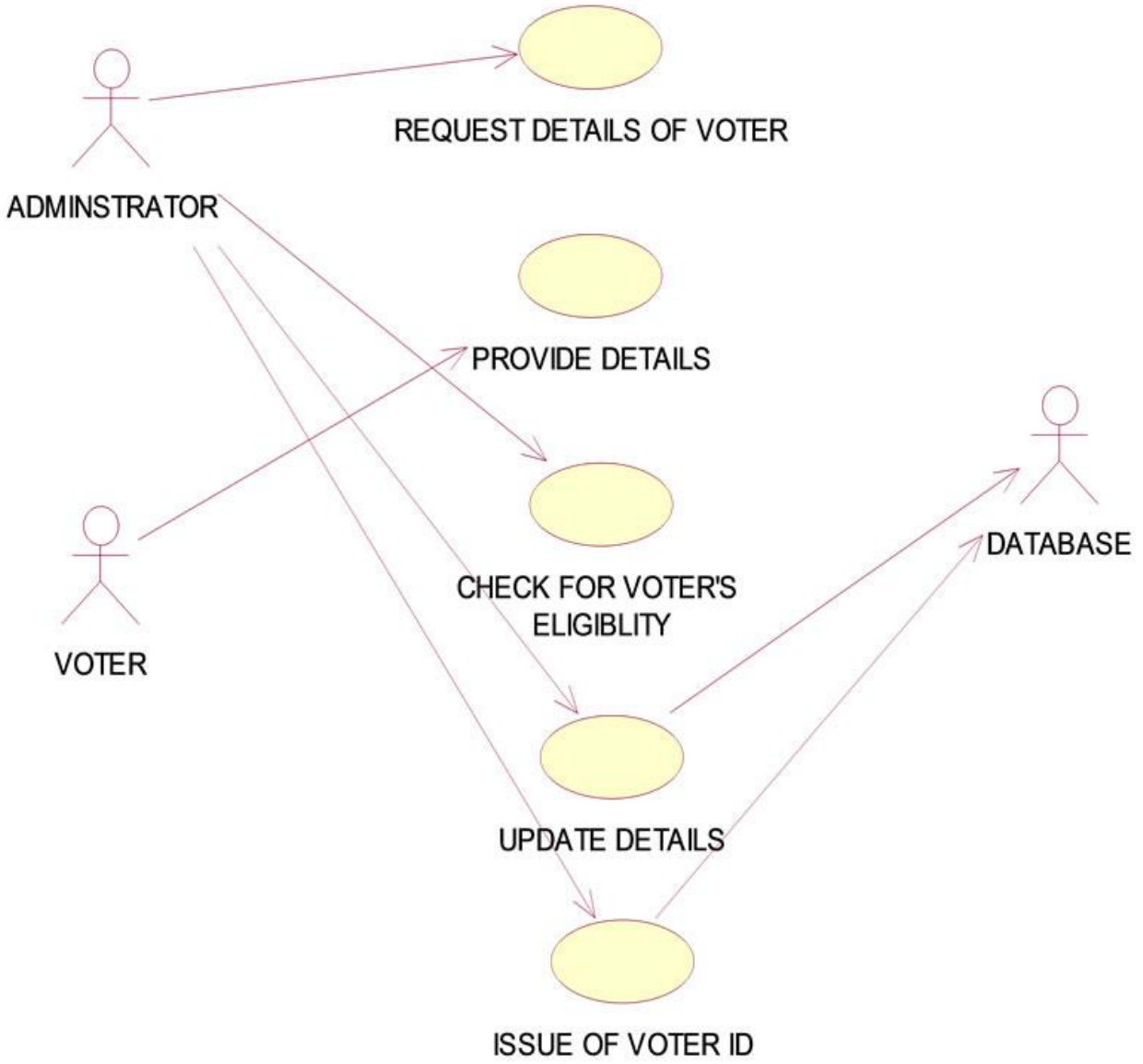
It is used in Business to select a President Manager.

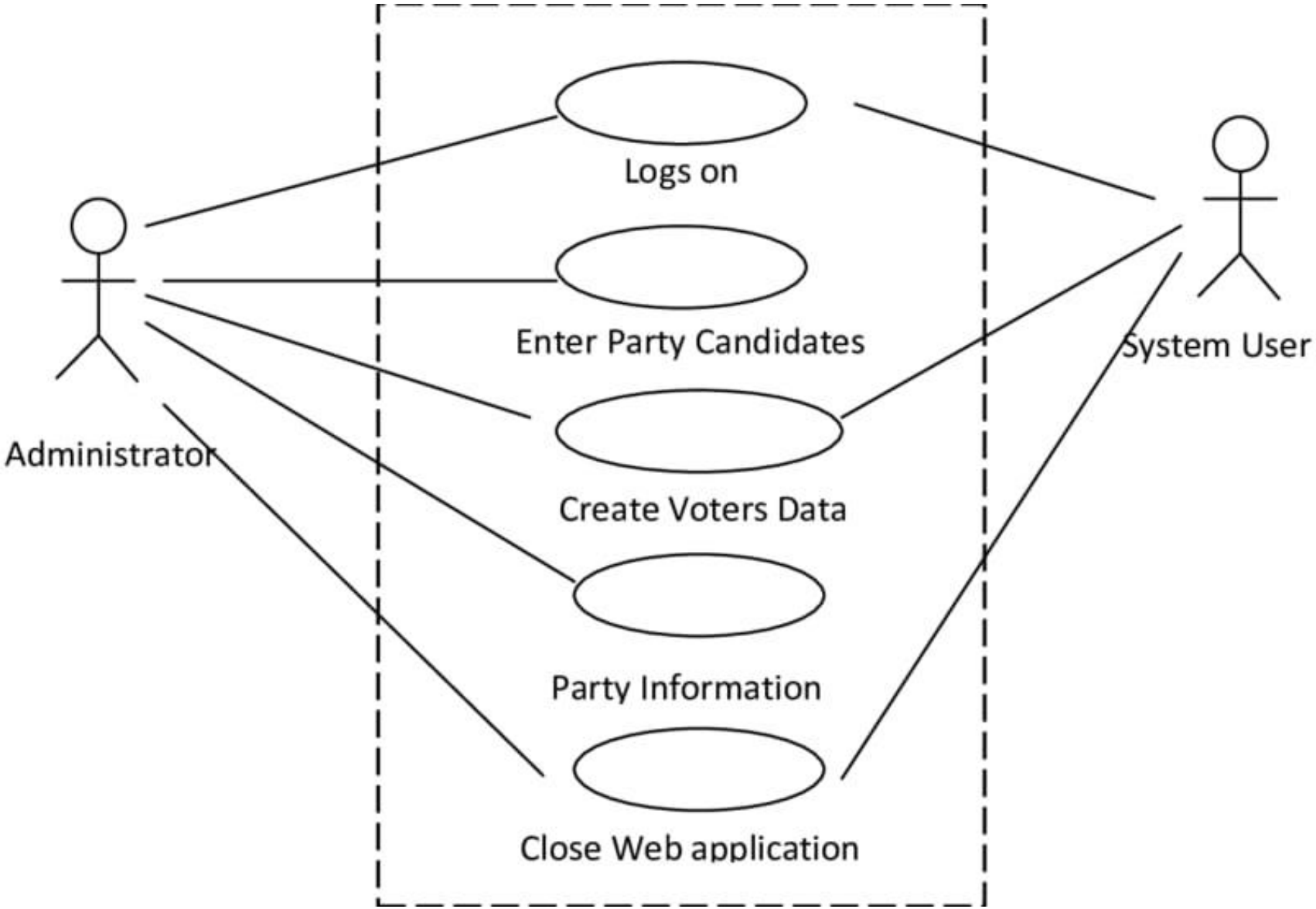
UML DAIGRAM


CAST VOTE
+candidate id
+Voter Id
+Time stamp
+Submit vote()
+Cancel vote()
VOTER
+voter ID
+Voter Password
+Voter name
+Caste vote()
+View Result()
+cast
+has
CANDIDATE
+candidate id
+candidate name
+Party symbol
+Constitute
+Submit nomination()
+Cancel nomination()
+has
+add
VOTER PROFILE
+Voter Id
+Voter password
+Voter name
+Voter Information
+Caste Vote()
+View Result()
+save results
+updates
ADMIN
+Voter id
+Voter number
+Submit report()
+Publish
VOTING SERVER
+Voter id
+Candidate Id
+Time stamp
+Votes count
+Send reports()
+Count Votes()
+Get Votes
RESULT
+Candidate id
+Party symbol
+get Votes count()
+Display()

Functionalities of the classes used

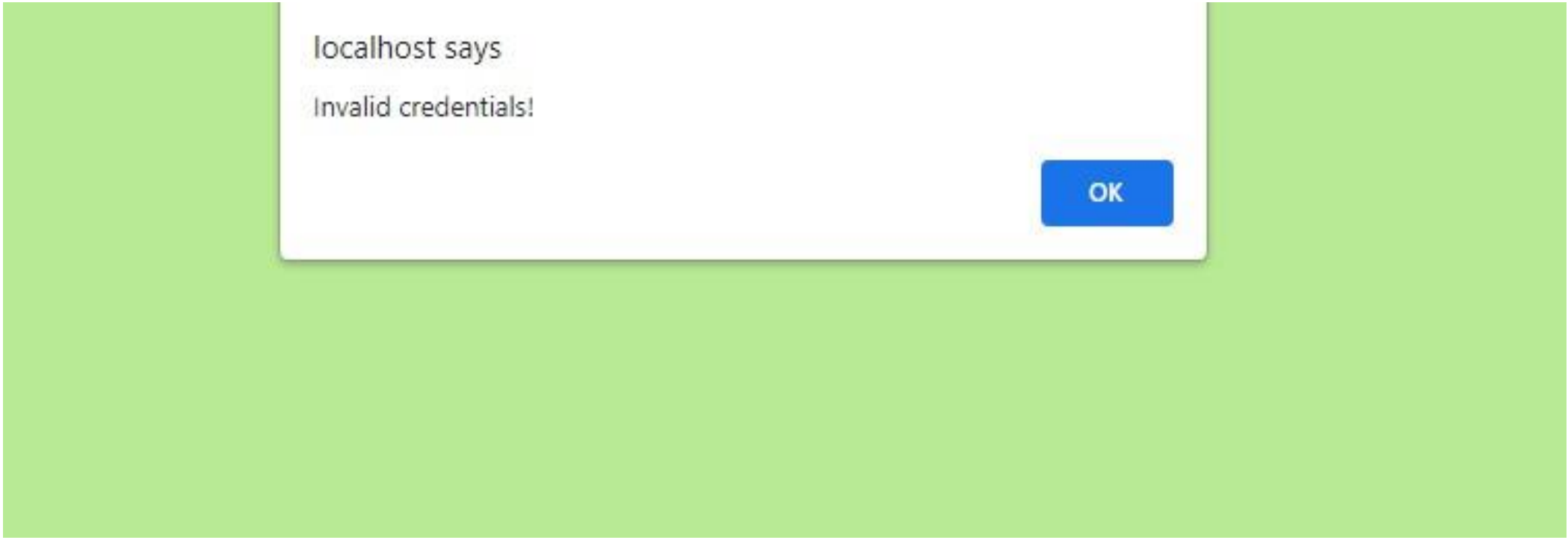
Class name	Explanation
Cast class	Manages all the operation of the candidate
Candidate Class	Manages all the data of the candidate
Voter Class	Manage all the operation of the Voter
Server Class	Manages all the operation of the application
Result Class	Display's the result of the candidate to voter.

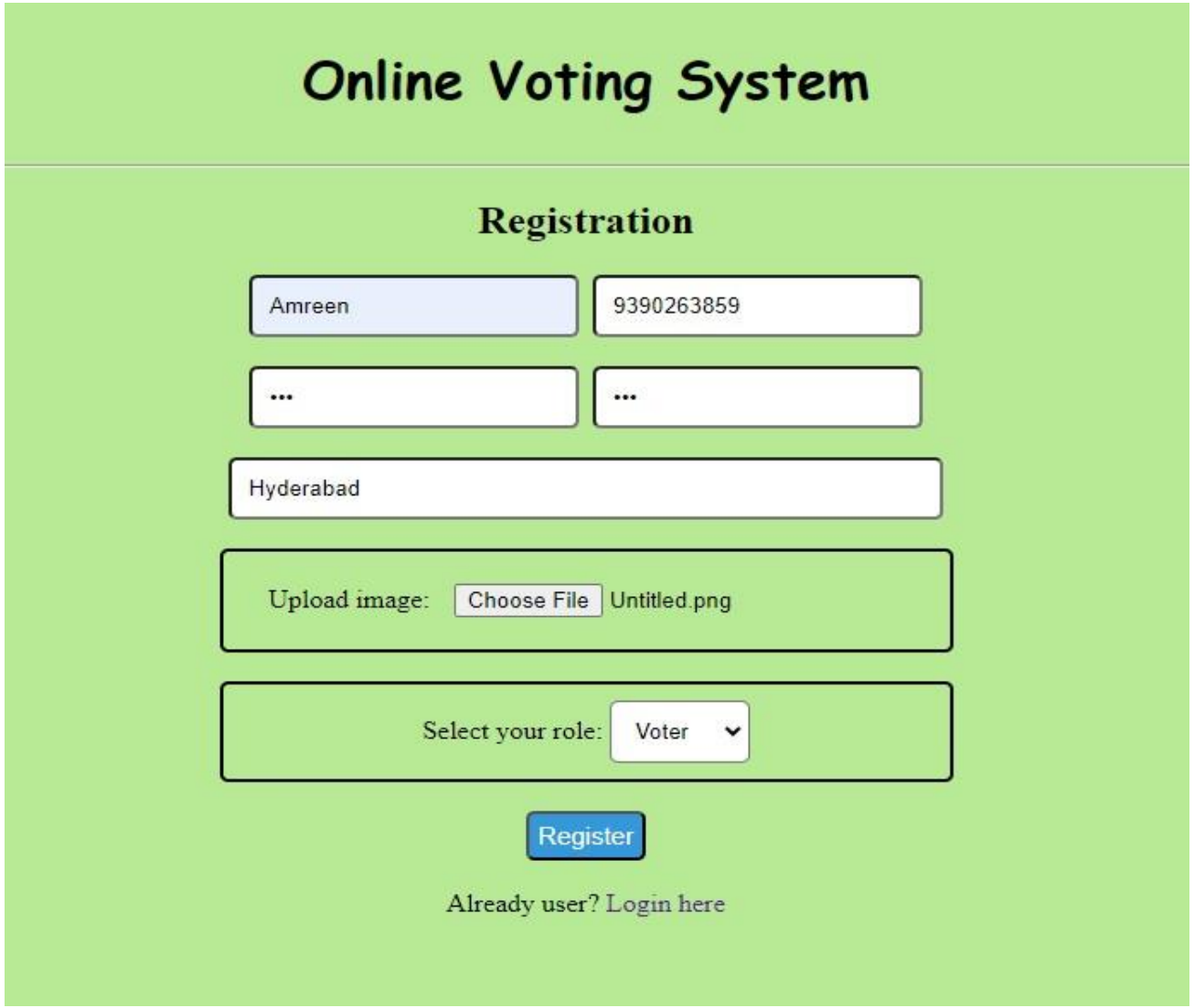

REQUEST DETAILS OF VOTER
ADMINSTRATOR
PROVIDE DETAILS
DATABASE
CHECK FOR VOTER'S ELIGIBLITY
VOTER
UPDATE DETAILS
ISSUE OF VOTER ID


Logs on
Enter Party Candidates
Create Voters Data
Party Information
Close Web application
Administrator
System User

planning operation evaluation

Online Voting System
Login
4343434343
...
Voter
Login
New user? Register here


localhost says
Invalid credentials!
OK


Online Voting System
Registration
Amreen
9390263859
Hyderabad
Upload image:
Choose File
Untitled.png
Select your role:
Voter
Register
Already user? Login here

localhost says
Registration successfull!
OK

Back

Online Voting System

Logout

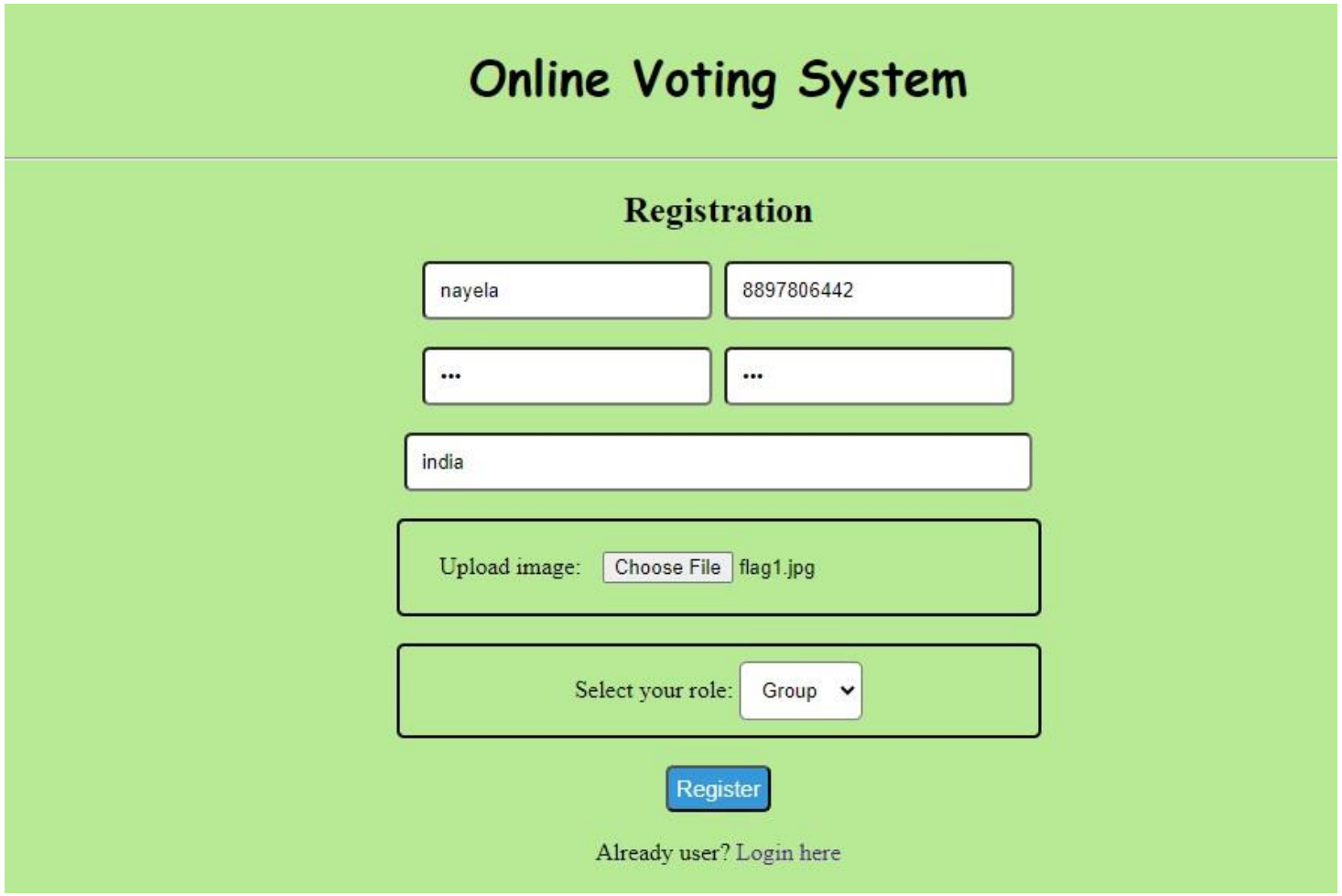
Name : Amreen

Mobile : 9390263859

Address : Hyderabad

Status : Not Voted

No groups available right now.


Online Voting System
Registration
nayela
8897806442
india
Upload image:
Choose File
flag1.jpg
Select your role:
Group
Register
Already user? Login here

Back

Online Voting System

Logout

Name : nayela

Mobile : 8897806442

Address : india

Status : Voted

Group Name : nayela

Votes : 1

Voted

Back

Online Voting System

Logout

Name : Amreen

Mobile : 9390263859

Address : Hyderabad

Status : Voted

Group Name : nayela

Votes : 1

Voted

Group Name : saba

Votes : 1

Voted

ADVANTAGES

- *Time Saving.*
- *Working load reduced.*
- *Information available at time.*
- *Provides security for the data.*
- *portable , mobility , high voting speed , reusability , flexibility.*

FUTURE ENHANCEMENTS

- THE E-FRANCHISE SYSTEM PLATFORM CAN BE MADE MORE SECURE BY USING THE FOLLOWING METHODS:

PASSWORD CHANGING

FINGER PRINT

CORNEA DETECTION

CONCLUSION

- In conclusion, we have discussed the importance of vote application development in today's society. With the increasing use of technology in our daily lives, it is crucial to have user-friendly and secure platforms for voting. We have explored how HTML, CSS, and JavaScript are used in building such applications, and also looked at some of the challenges that developers face in this process.

- As members of this society, we all have a responsibility to ensure that our voices are heard. By getting involved in vote application development, we can contribute to creating a more democratic and inclusive society. Whether you are a developer or not, there are many ways to get involved in this important work. So let's work together towards building a better future for all.

THE END