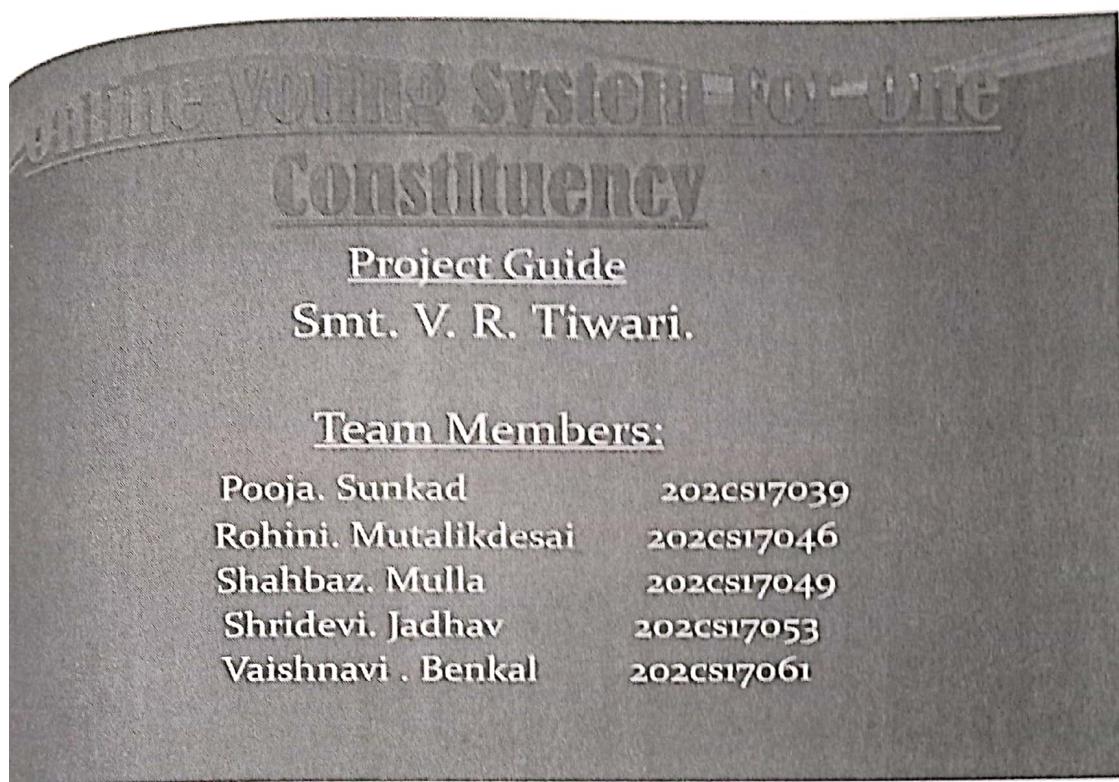


PRESENTATION



PROJECT REPORT

CONTENTS

SL.No:	CONTENT:
1	Abstract
2	Tools/platform/languages to be used a)S/W & H/W Requirements
3	Introduction and Objective of the project
4	Information about project
5	Proposed System
6	Scope of project
7	Data Flow Diagram: Information
8	ER Diagram: Information
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ABSTRACT:

- The Project is developed for the threat free and user oriented Online Voting System.
- The election can be conducted in two ways the paper ballot election and the automated ballot election and the automated ballot elections.
- 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.

TOOLS/PLATFORM, LANGUGAES TO BE USED:

Software Requirements:

- Operating System: windows 8/10
- Web server software: Apache
- Database server: MYSQL
- Engine: PHP runtime engine
- Front end: HTML forms
- Server code: PHP
- IDE: NetBeans,Eclipse
- Android Studio
- Front end: Android widgets/XML
- Code: Java
- Library: Android SDK
- Runtime engine: Android Runtime Environment

Objective:

- ❖ The specific objectives of this project include:
 - Reviewing the existing/current voting process or approach.
 - Coming up with an automated voting system for one constituency.
 - Implementing an automated/online voting system for one constituency.
 - Validating the system to ensure that only eligible voters are allowed to vote.

Information About project:

- Online Voting is a web-based voting system that will help you manage your elections easily and securely.
- In this system the voter do not have to go to the polling booth to cast their vote. They can use their personal computer to cast their votes.
- There is a database which is maintained in which all the name of the voter with their complete information is stored.

- The site will be activated only on the day of voting. Once the user logs in, they will be provided with a One Time Password (OTP) which has to be entered by the user before casting his/her vote.
- The password will be destroyed after casting of their respective vote.
- A receipt of the vote will be sent to the user on their respective E-mail IDs.
- The individual votes are submitted in a database which can be queried to find out who of the aspirants for a given post has the highest number of votes.

Proposed System:

- Registration of the voters and registered candidates lists are done by the Election Commission of India.
- The information about the voters and candidates stored in the database.
- User has to fill the online registration form and submit details.
- These details are compared with details in database.

System Specification:

- This electronic voting system will enable an eligible voter to vote at any polling statewide during an election period.
- After registering to system, the voters will use their votes at any field areas by using the system if they prefer online voting.
- The system will also be have a full online help system. Voting results will be posted on web servers in HTML format.

DATA FLOW DIAGRAM

❖Introduction

- System design is modeling process. It can be as transaction from user's view to programmer view.
- Design is essentially a bridge between the requirement specification and Final implementation.
- For satisfying requirements. The design process of software has two levels.

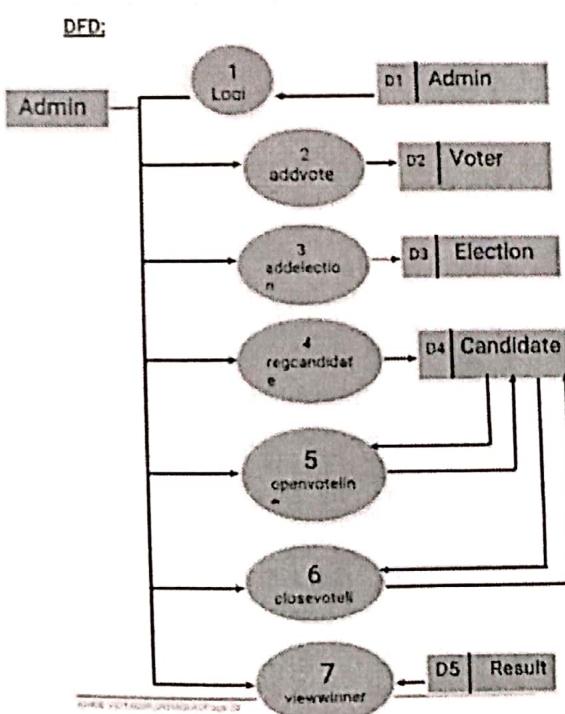
ONLINE VOTING SYSTEM

- At the first level ,the focusing is on deciding which module should be interconnected. This is called "System design".
- In the second level, the internal design of the model can be satisfied is decided. The design level is often called "Detailed Design or Logical design".

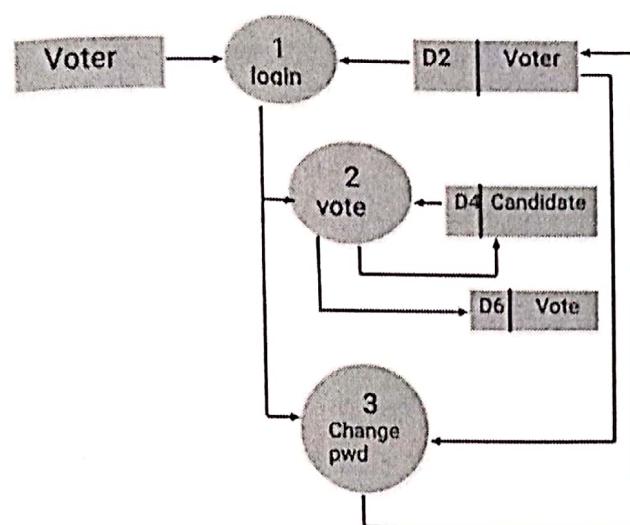
System Design:

- Here the focus is a deciding which modules are a needed for the system, the specifications of these modules and how it should be interconnected.

DATA FLOW DIAGRAM



ONLINE VOTING SYSTEM



ER DIAGRAM

❖Introduction:

- An entity –relationship model, a graphical representation of entities and their relationship to each other, typically used in computing regard to the organization of data within databases or information systems.
- An entity is a piece of data-an object or concept about which the data is stored. A relationship between entities.

1) ONE TO ONE: one instance of an entity(A) is associated with the other entity(B)

2) ONE TO MANY: One instance of an entity(A) is associated with zero, one or many instances of another entity(B),but for one instance of an entity(B) there is only one instance of an entity(A).

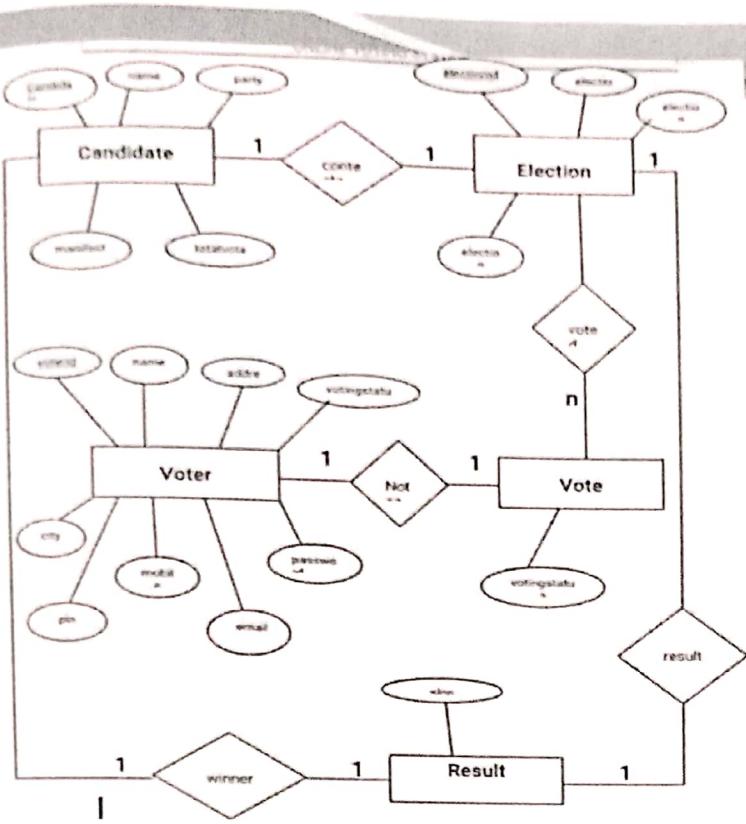
3) MANY To MANY: One instance of an entity(A) is associated with one, zero or many instance of an entity (B) and one instance of an entity (B) is associated with one zero or more than one instance of an entity(A) associated with it.

- ENTITY: The entity is a person, object ,place or event for which data is collected.

- RELATIONSHIP: The relationship is the interaction between the entities would include only to customers ,but the customers address, and well orders.

- CARDINALITY RATIO: The cardinality defines the relationship between the entities in terms of numbers. An entity may be optional.

ONLINE VOTING SYSTEM



❖Introduction to Database:

- A database is a collection of related information defining a database involves the data type, attributes and constraints for the data to be stored.
- Constructing a database is a process of storing itself on some storage medium like disk or tape that can be provided by DBMS.
- Manipulating a database includes such as functions like querying a database to specific data, updating the database to reflect changes in the mini world and operating report from the data.

ONLINE VOTING SYSTEM

Database Tables:

- Admin
- Voter
- Election
- Vote
- Candidate
- Result

1) Admin

Column	Type	CONSTRAINTS
Email	varchar(50)	Primary key
Password	varchar(10)	

2) Voter

Column	Type	CONSTRAINTS
Voterid	varchar(10)	Primary key
Email	varchar(50)	
Password	varchar(10)	
Name	varchar(20)	
Address	varchar(100)	
City	varchar(20)	
Pin	varchar(6)	
Mobile	varchar(10)	
Votingstatus	char(1)	o/c (open or closed).

3) Election

Column	Type	constraints
Electionid	int, Auto-increment	Primary key
Election	varchar(20)	
Electiondate	Date	EX: 2019 assembly elections
Electionstatus	varchar(10)	New/open/closed

ONLINE VOTING SYSTEM

4) Voter

Column	Type	Constraints
id	int, foreign key	
election_id	int, foreign key	
username	char(10)	not null, first character

5) Candidate

Column	Type	Constraints
election_id	int, foreign key	
candidate_id	int, Auto-increment	Primary Key
Name	varchar(20)	
Party	varchar(20)	
Manifesto	varchar(20)	foreign of party
Testimates	int	

6) Result

Column	Type	Constraints
Election_id	int, foreign key	
Seat	int, Auto-increment	Primary Key
Winner	int, foreign key	not null, first character

Modules Includes:

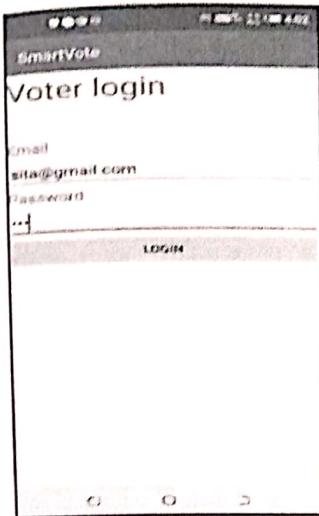
- * 1. Admin
- * 2. Voter
- * 3. Candidate
- * 4. Election
- * 5. Vote
- * 6. Result

ONLINE VOTING SYSTEM

ANDROID PAGE

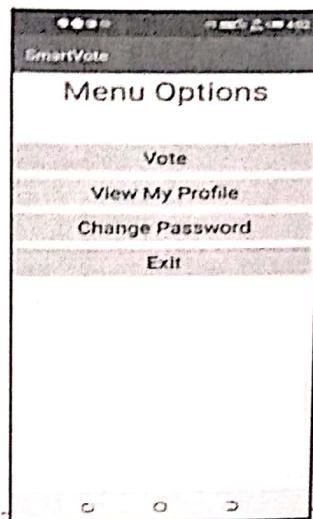
1) LOGIN PAGE:

The voter can login through this voter login page.



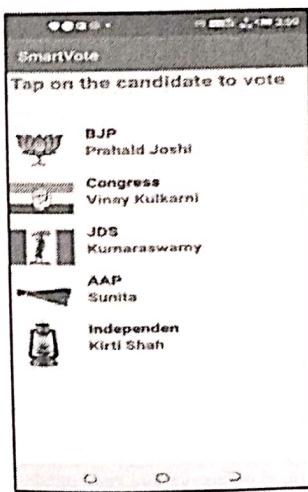
2) MENU PAGE:

After login ,voter can view different options through this page.



3) VOTE PAGE:

Voter can vote the candidate through this page.



4) VOTE DETAILS PAGE:

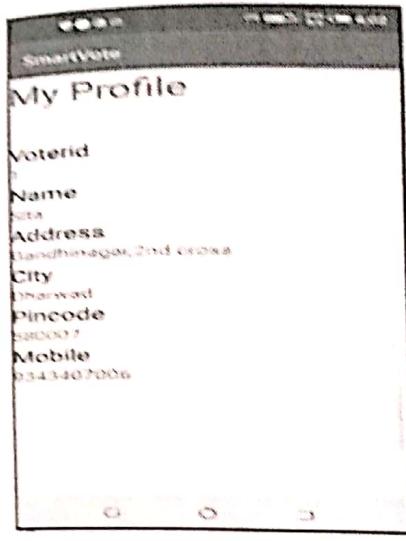
After voting , voter can view voting details through this page.



ONLINE VOTING SYSTEM

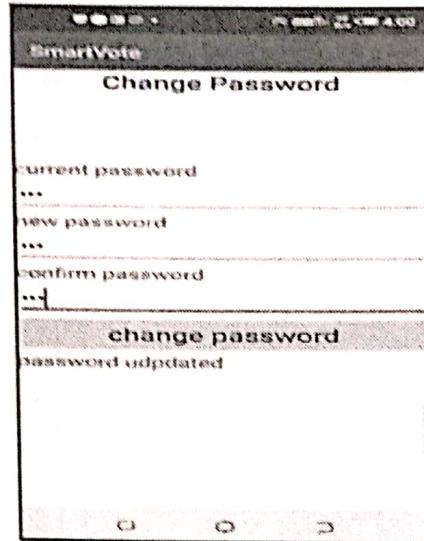
5)VOTER PROFILE PAGE:

Voter can view his/her profile through this page.



6)CHANGEPASSWORDPAGE:

Voter can change his/her password through this page.



TESTING

□Introduction:

• Testing And Results:

The importance of software testing and its implementation with respect to software quality cannot be over emphasized. Software testing is critical element of software quality assurance and represents the ultimate review of specifications design and code generation. one source code has been generated ,software must be tested to uncover and correct many errors as possible before delivering to the customer.

❖ Objectives of Testing:

- A good test is one that has a high probability of finding yet undiscovered error.
- A useful test is one that uncovers the error.
- Testing is the process of executing a program with the intent of finding an error.

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- Testing is the process of executing a program with the intent of finding an error.

❖ Principles of Testing:

- All test should be traceable to customer requirement.
- Tests should be planned long before test begins.
- Testing should be begin "in the small" and progress toward testing "in the large."

Limitations of the project:

- Hacking
- Security issues
- Unequal internet access
- Technical problems or damage of system
- Required fast speed of internet

Scope and future enhancement:

- This system used for elections to provide complete security, provide accurate results ,save time and expenditure.
- A ONLINE VOTING PORTAL can save time spent in voting on the booths and reduces paper work.
- This project can be enhanced to work over the mobiles that is voting is made possible through the mobile.
- It can be made more secure by using the advance security methods like biometrics.

CONCLUSION:

- ❖ Generally voting has to be perform by user by going to the voting center. Many users like army person or NRI cannot come to the voting place.
- ❖ Therefore we have to implement a online voting system by which the users can vote over the online.
- ❖ It is one of the greatest advantage for NRI and person who go outside the country they can vote on online by our software.

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❖BIBLIOGRAPHY:

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