

**E-Voting Portal**

Software Dataset Description

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Table of Contents

1. Tables
2. Voter Table
3. City Table
4. Candidate Table
5. ElectionOfficer Table
6. Constituency Table
7. Attributes

The given application collects data from the user and stores it in a database local to the user. As it is a E-Voting Portal application, the data is entered through the register page and the data is inserted into the suitable table in the database MobileVoting.

Data is stored in 5 different tables in the following format :

# Voter Table :

* **Name -** Name of the user
* **Gender -** Gender of the user
* **DateOfBirth -** Date of Birth (to be selected from the calendar drop down)
* **AadhaarNumber -** 12 digit aadhaar number to be entered.
* **PinCode -** Pin Code of residing area.
* **MobileNumber -**  Currently active Mobile Number.
* **EmailId -** Active Email ID.
* **Password -** Password is encrypted in SHA256 and stored in Database.
* **VotingStatus -** Initially 0. Once voted, made 1.

1. **City Table :**

* **PinCode -** PinCode entered by the user.
* **City -** name of the City.
* **State -** State the city is in.

1. **Candidate Table :**

* **AadhaarNumber -** Aadhaar of the candidate to be entered.
* **PhotoLink -** Upload Picture.
* **SignatureLink -** Upload picture of signature.
* **EduQua -** Enter educational qualifications.
* **Constituency-** Constituency the candidate wants to stand in.
* **NumberOfVotes -** Number of votes is added as a voter votes for the candidate.
* **Validate-** Election Officer validates the Nominees. It is set to 1 once it is done.

1. **ElectionOficer Table :**

* **UserId -** To identify the ElectionOfficer.
* **Constituency -** Name of the Constituency the EC resides in.
* **Pasword -** Entered by the EC.

1. **Constituency Table : (**This is for system’s internal assistance)

* **State -** State constituency belongs to.
* **ID -** Generated by the user.
* **StartStopElection -** Integer. Initially set to 0.
* **StartStopNomination-** Integer initially set to 0.

**Table Structure**

* **Voter Table** :**-**

|  |  |
| --- | --- |
| **Field** | **Datatype** |
| Name | varchar |
| Gender | varchar |
| DateOfBirth | date |
| AadhaarNumber | varchar |
| PinCode | int |
| MobileNumber | int |
| EmailId | varchar |
| Password | varchar |
| VotingStatus | int |

* **City Table :-**

|  |  |
| --- | --- |
| **Field** | **Database** |
| PinCode | int |
| City | varchar |
| State | varchar |

* **Candidate Table :-**

|  |  |
| --- | --- |
| **Field** | **Database** |
| Aadhaar Number | int |
| PhotoLink | varchar |
| SignatureLink | varchar |
| EduQua | varchar |
| Constituency | int |
| NumberOfVoters | int |
| Validate | int |

* **ElectionOfficer Table :**-

|  |  |
| --- | --- |
| **Field** | **Datatype** |
| UserID | varchar |
| Constituency | int |
| Password | varchar |

* **Constituency Table :-**

|  |  |
| --- | --- |
| **Field** | **Datatype** |
| State | varchar |
| ID | int |
| StartStopElection | int |
| StartStopNomination | int |