**MENU DRIVEN VOTING APP**

**Functionalities:**

1. The user will be shown a menu consisting of following:

A. Vote

B. Leading Party

C. All parties’ votes

D. Register yourself

2. For choice A, the user will be asked to provide his/her Voter ID (which will be a 6-digit number) and then one of the following scenarios will occur:

(i) If the Voter ID is invalid (the user has not registered yet), the user will be asked to register themselves first.

(ii) If the Voter ID is valid and the user has already voted, the user will be shown a message stating that “you have already voted!!!!”.

(iii) If the Voter ID is valid and the user has not voted yet, the user will be shown the list of parties and then he/she can vote.

3. For choice B, he will be shown the leading party with their total votes.

4. For choice C, the user will be shown the votes of all the parties.

5. For choice D, the user will be asked their name and mobile number (which should be unique) and then after successful registration they will be provided with a Voter ID.

**FLOWCHART**

Diagram

Description automatically generated

**Database Tables**

**Voter**

**Primary Key:** Mobile

**Parties**

**Primary Key:** Name

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Mobile** | **Voter ID** | **Has Voted?** |
| Prateek Joshi | 7895245510 | 123456 | 0 |
| Dheeraj Kumar | 1234567890 | 654321 | 1 |
| Kratika Arora | 2345678291 | 345674 | 0 |

|  |  |
| --- | --- |
| **Name** | **Total Votes** |
| Party A | 100 |
| Party B | 58 |
| Party C | 65 |
| NOTA | 10 |

Graphical user interface, text, application, chat or text message

Description automatically generated