**ONLINE VOTING SYSTEM**

The console will have three different interfaces based on the type of user i.e.

* Voter
* Candidate
* Admin

Scenarios for different type of users

1. Voter

* Registration (Login / Signup)
  + Login (Username/Password) Check from the DB if the user exists or not
  + Sign up
    - Name
    - UID (Aadhar) // Most important for checking unique voters
    - Age (Only allow if the age is above 18 years)
    - State
    - Area/Province (On the basis of state input)
    - Password

Check in the DB if user not present Add user in the DB

If the user already exists, then return to the login page

* Voting

After Login/Signup user sees the list of elections in which he/she can vote.

If the user has already voted for any election, He/She cannot vote for the same (To avoid duplicate entries/votes)

1. Candidate
   * Registration (Login / Signup)
   * Login (Username/Password) Check from the DB if the user exists or not
   * Sign up
     + Name
     + UID (Aadhar) // Most important for checking unique voters
     + Age (Only allow if the age is above 18 years)
     + State
     + Area/Province (On the basis of state input)
     + Password
     + Party Details

Check in the DB if user not present, Add user in the DB

If the user already exists, then return to the login page

* + Register for the Elections which are open for registration
    - Only one candidate from each party can contest for the elections
    - One candidate can fill the candidature for different seats in one election
  + Also have voting rights
    - Can also vote in the Open elections

1. Admin

* Can create Elections
* Check the status of the elections
  + - Can see but not modify the election status
* End and Open Elections
* Also have voting rights