

ONLINE VOTING PLATFORM

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ABSTRACT-Our paper deals with on-line vote casting device that facilitates user(voter), candidate and administrator (who can be in fee and could verify all the user and facts) to participate in online vote casting. Our online balloting gadget is incredibly secured, and it has a simple and interactive user interface. The proposed on-line portal is secured and feature unique safety function which include specific identity technology that adds every other layer of safety (besides login id and password) and gives admin the capability to confirm the user statistics and to determine whether he is eligible to vote or no longer. It additionally creates and manages vote casting and an election element as all of the customers must login by means of person call and password and click on on candidates to sign in vote. Our gadget is likewise geared up with a chat bot that works as a aid or manual to the citizens, this allows the customers in the voting procedure.

Key Words: : HTML, CSS, Java Script, PHP, MYSQL, phpMyAdmin, XAMPP, Codeginator

1. **INTRODUCTION- (OVP)**Voting schemes have evolved from counting hands in early days to systems that include paper, punch card, mechanical lever and optical-scan machines. Electronic voting systems provide some characteristic different from the traditional voting technique, and also it provides improved features of voting system over traditional voting system such as accuracy, convenience, flexibility, privacy, verifiability and mobility. But it suffers from various drawbacks such as Time consuming , Consumes large volume of pare work , No direct role for the higher officials, Damage of machines due to lack of attention, Mass update doesn't allows users to update and edit many item simultaneously. These drawbacks are overcome by Online Voting System. Online Voting System is a voting system by which any Voter can use his/her voting rights from anywhere in the country. We provide a detailed description of the functional and performance characteristics of online voting system. Voter can cast their votes from anywhere in the country without visiting to voting booths, in highly secured way. That makes voting a fearless of violence and that increases the percentage of voting.In (**Background Problem**)

Within the recent years there are numerous literature on on line voting has been developed. Even as online voting has been an lively location of studies within the latest years, efforts to increase real world answers have just all started posing numerous new Challenges. The usage of insecure net, well documented Cases of wrong implementations and the resulting protection Breaches were pronounced lately. Those demanding situations and Concerns must be resolved so that you can create public consider

In on-line voting

3.Scope of Study

The scope of the project is that it will use the ID and password created by user to register him/her in the voting site, through this all the details of voter are saved in database. And it will act as the main security to the votes system.

- 1) Advanced technology: It is an advanced technology used now a day. It increases the internet knowledge of the users which is very necessary for current generation.
- 2) Internet: It is an online facility and hence very useful for the users. Voters can vote from anywhere at any time in India.
- 3) E-Mails: Election Commission can send the error report to a particular user if he\she entered false information.
- 4) People who have not internet connection they cannot check the emails or not have email they can be informed by SMS on their mobile. Today many websites provide free SMS to the mobile. Election Commission can use these to send any information

REVIEW LITRATURE

Back Ground : This software program is being developed to be used by way of every body with a Simple and self explanatory GUI. That is software which could be utilized by human beings to vote in an election. All the user must do is login and click on his favorable applicants to register his vote. The improvement and checking out is carried out on Ethernet. At the same time as on-line vote casting system has been an lively location of research in latest years, using insecure net, well documented cases of incorrect implementations stated these days. These demanding situations are to be resolved so that public have to solid

their vote in comfortable and handy manner. Proposed online voting Platform is a vote casting gadget by means of which any Voter can use his/her voting rights from everywhere in

- A) Voter's data in database.
- B) Voter's Names with identification and password.
- C) Voter's vote in a database.
- D) Calculation of general variety of votes.

Various operational works proposed within the gadget are recording information of the Voter in database. Checking of statistics filled via voter. Discard the fake information each data is dispatched to election commission.

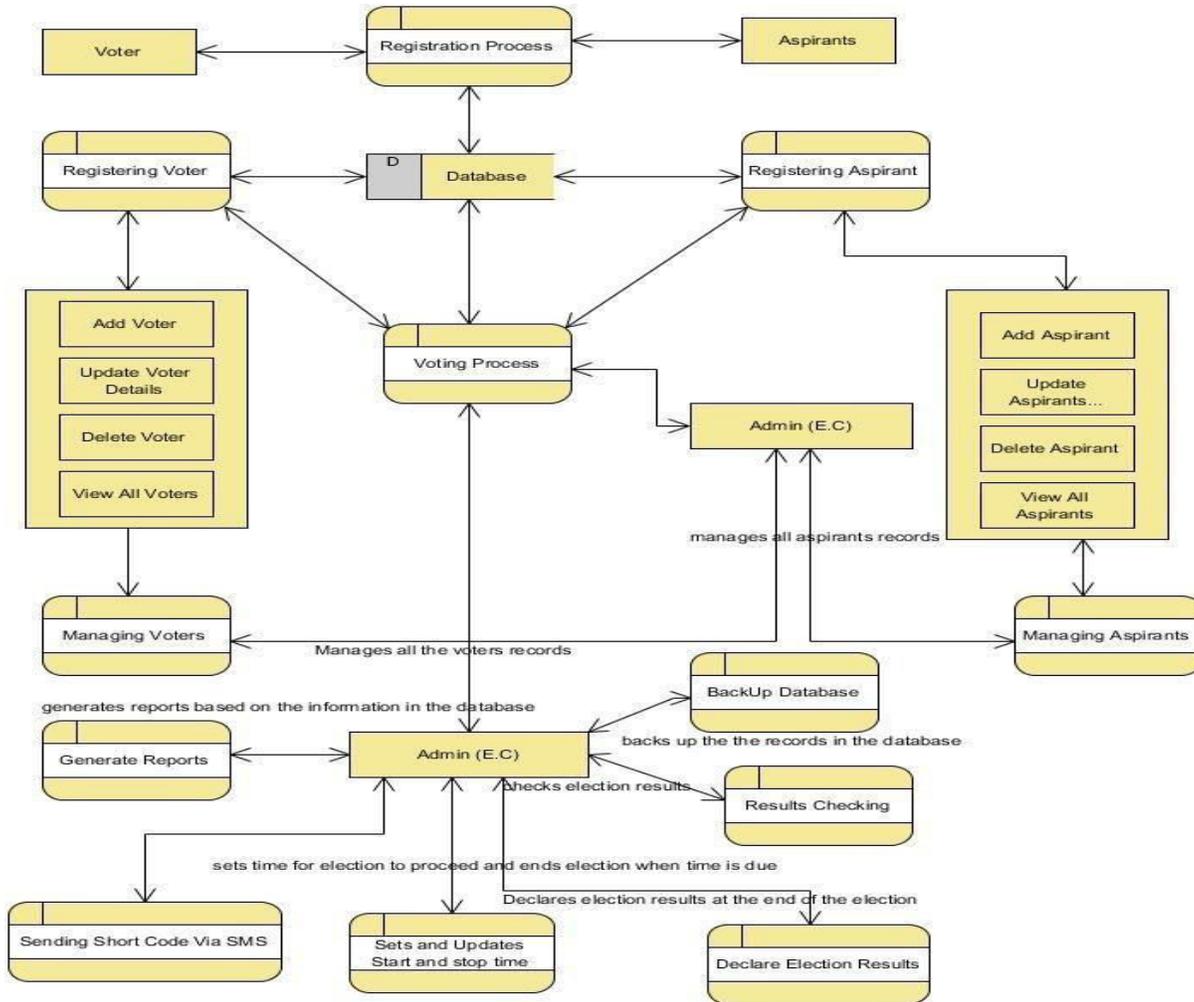
OVERVIEW OF DATA REQUIREMENT:

The inner memory requirement can be constant or linearly dependent on the number of customers relying on the provision of changing the vote at a later time. In one of these case the moves can be stored in a data shape to be able to be stated while wanted. The external data about the applicants (with pix) and the posts or the ballot questions and the solutions might be given as input best at the Serve rend.

Constraint:

GUI is only in English.

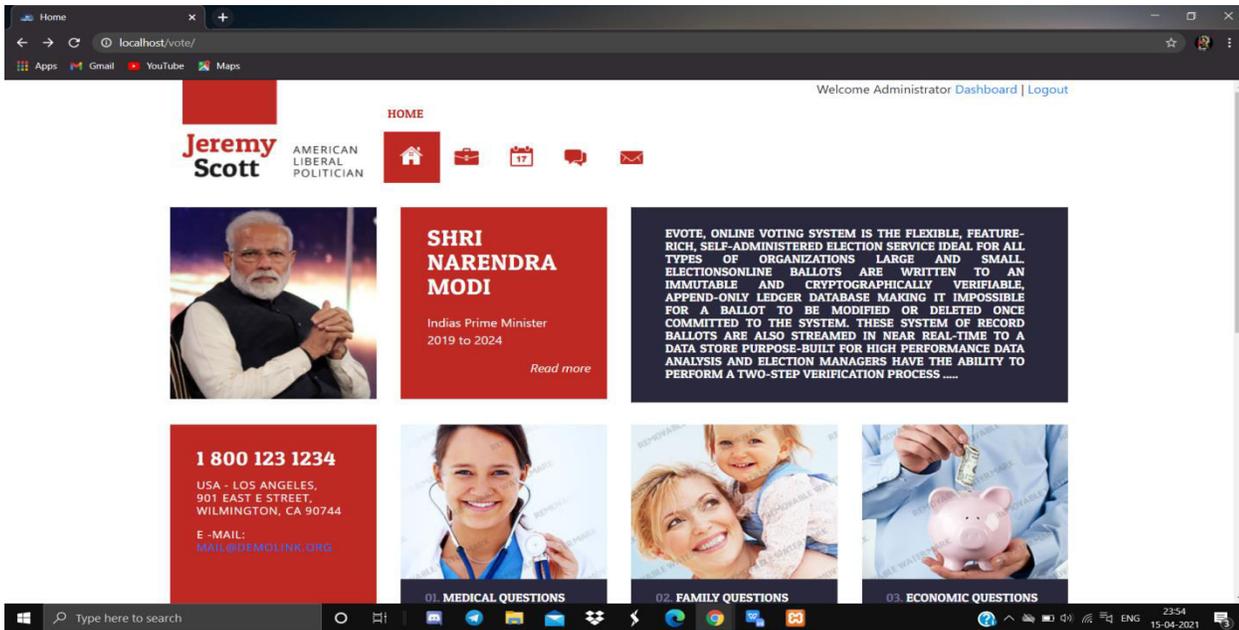
Login and password is used for identification of Voter.



Online voting platform is software machine through which a voter can give votes via registering themselves at the e-voting website. All of the information in web sites which has been entered are saved in database .For each web page in the website have its personal database desk. Every voter has to enter his all simple records like call, intercourse, faith, nationality, criminal report e.T.C. It has all of the web page options like home, Polling Dates, Login, about us, touch us, FAQs.

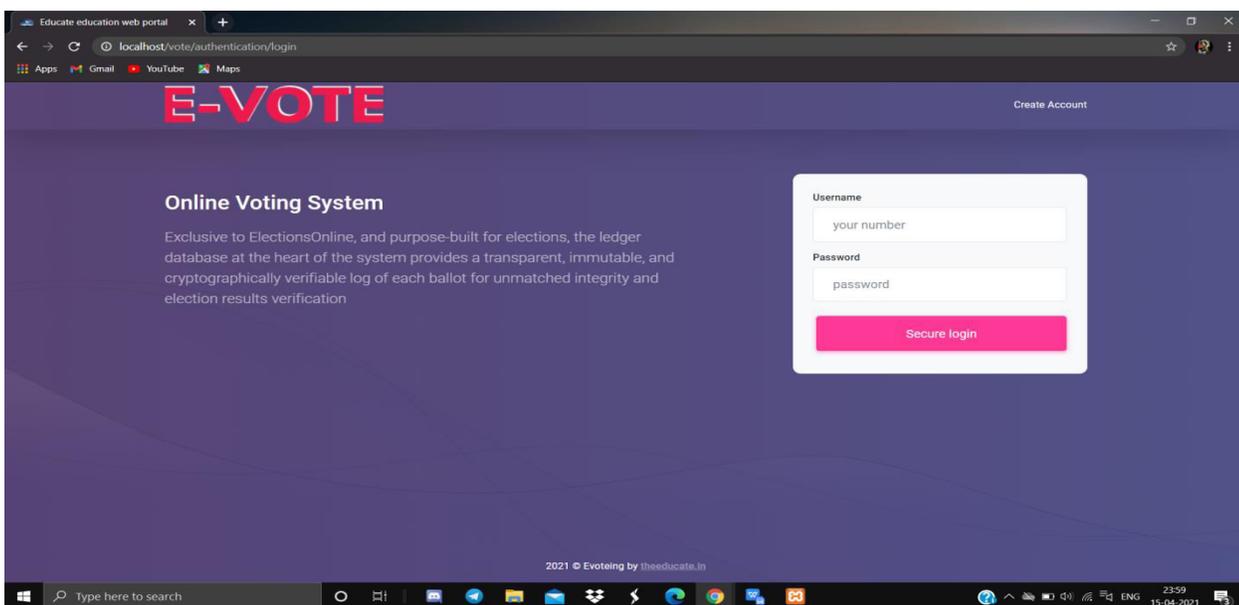
-) HOME PAGE

It is the welcome page of the website, having all the feature options of the website.



-) RESTRATIION:

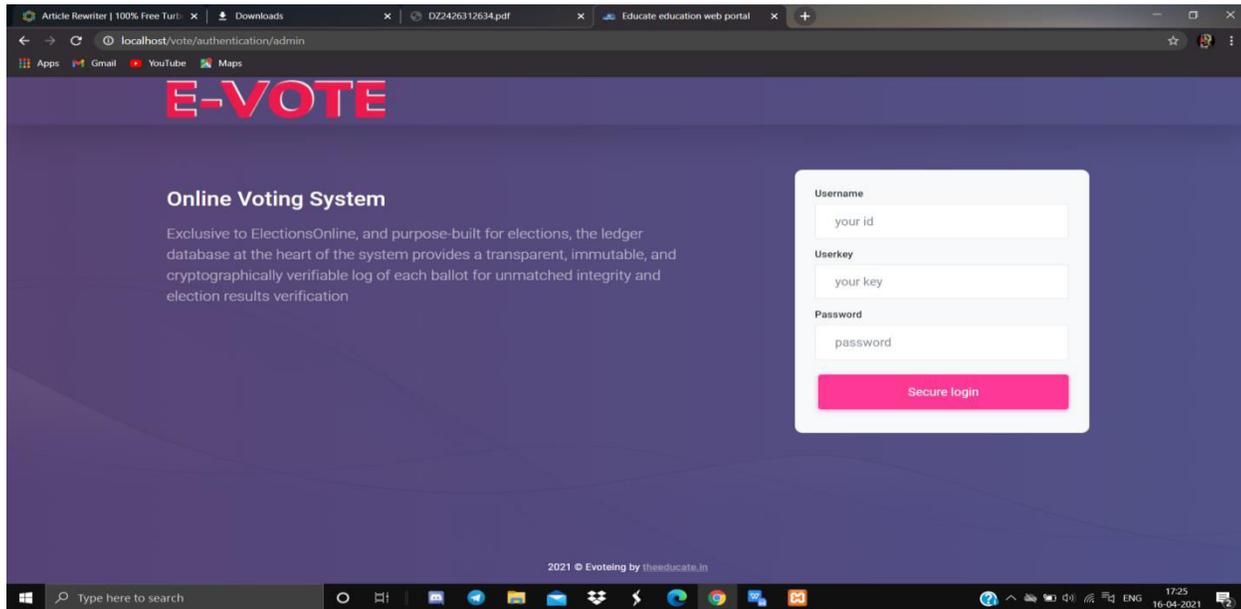
That is the sign up page, wherein the voter, candidate and election commission officer can register themselves. All of them ought to input fundamental records fine in their known .All of the statistics registered inside the internet site are stored within the respective database .If someone doesn't have their login & password they can created account in the left top option.



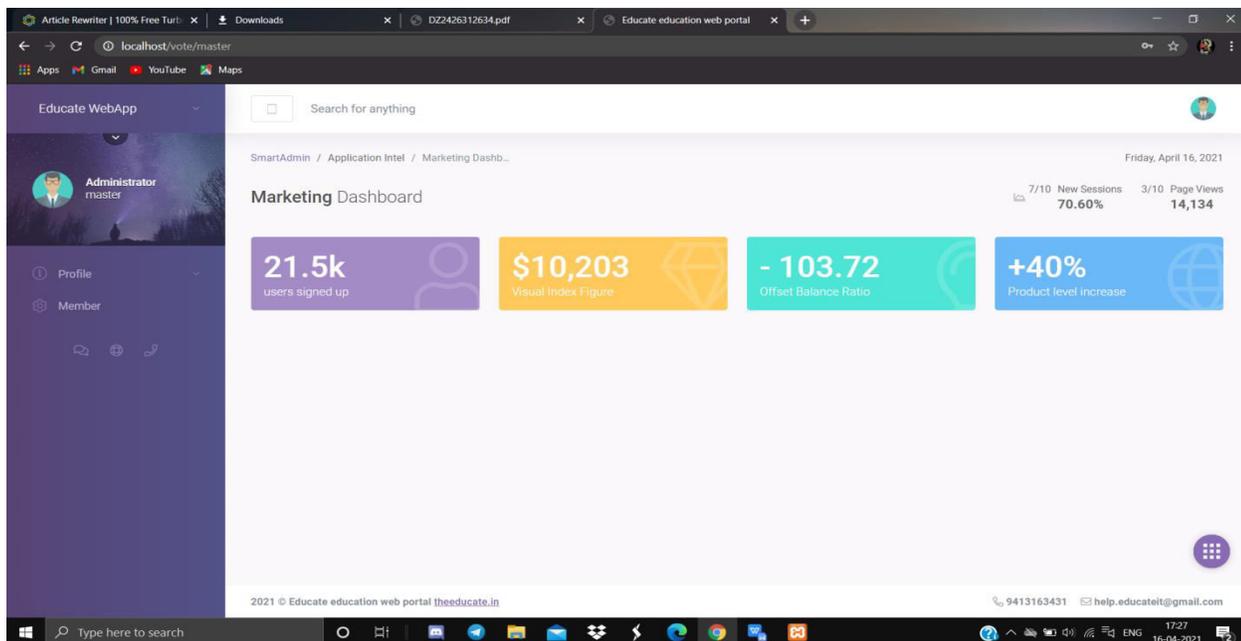
-) ADMIN LOGIN/DASHBOARD

This is a admin login page where admin see how many people are signed in and all the data or result will calculated.

To login, admin has to write username, user key or password. Only admin have access to login this portal .



DASHBOARD: This is our dashboard looks like. We can also change the profile of any politician if it changes. You can see the user sign information or so on.



RESOURCES:

- 1) Front end - HTML, css, bootstrap.
- 2) Back end - PHP(Hypertext preprocessor), Java script.
- 3) Validation Platform - codeginator, xamp etc.

CONCLUSION:

Our suggestion enables a voter to cast his/her vote via internet with out going to balloting booth and additionally registering himself/herself for voting earlier, proxy vote or double voting is not feasible, fast to access, pretty comfy, clean to hold all facts of voting, notably green and bendy. Subsequently, with the aid of this balloting percentage will increase extensively. The using of online balloting has the capability to lessen or dispose of unwanted human mistakes. In addition to its reliability, on-line balloting can handle multiple modalities, and

Offer better scalability for large elections. Online vote casting is also an first rate mechanism that does not require geographical proximity of the voters. For example, soldiers abroad can take part in elections by vote casting online.