

ONLINE VOTING SYSTEM PROJECT



SUBMITTED BY:

Rohit Kumar Sah (2K20/IT/123)

&

Shivam Kumar (2K20/IT/132)

*In partial fulfilment for the award of the degree of
Bachelor of Technology (IT) 4th Semester*

*Under the Supervision of
Ms. Geetanjali Bhola*

Department of Information Technology
Delhi Technological University
Bawana Road. Delhi -110042

IDEA BEHIND ONLINE VOTING SYSTEM

Online voting tools and online election voting systems help you make important decisions by gathering the input of your group in a way that's systematic and verifiable.

Oftentimes, these decisions are made on a yearly basis. It's a good idea to use an online voting system. Using an online voting tool will generate confidence in the results of your votes and elections, lower your voting-related costs, and streamline the election process for both you and your voters.

The cost savings and efficiencies you'll gain are unparalleled to any other method of voting. Groups switching to web-based online voting systems from more expensive and less efficient voting technologies like voting machines, paper ballots, and in-person meetings will reap these benefits without increasing risk.

CONCEPT & SOFTWARE USED: -

This project is done in Oracle Software.

Concepts related to Database Management System like SQL Queries, DDL, DML, Sequence and many more...

CODE: -

```
select *from voter
```

```
select *from MP
```

```
select *from Registration
```

```
//.....TO SEE THE NAME OF PERTY TO WHICH THE VOTER HAVE  
VOTED.....
```

```
select Registration.Name, Registration.Gender, Registration.Age,  
voter.Const_name, voter.Voted_to
```

```
from Registration
```

```
inner join voter on Registration.Voter_id = voter.Voter_id;
```

```
//.....TO SEE THE NAME OF PERTY AND CANDIDATE NAME TO  
WHICH THE VOTER HAVE VOTED.....
```

```
select voter.Const_name, voter.Voted_to, Registration.Name,  
Registration.Gender, Registration.Age, MP.MP_Fname
```

```
from ((voter
```

```
inner join Registration on Registration.Voter_id = voter.Voter_id)
```

```
inner join MP on MP.Party_name=voter.Voted_to and  
MP.MP_Const_id=voter.Const_id );
```

```
//.....TO FIND THE WINNER.....
```

```
select MAX(Voted_to)
```

```
from voter
```

```
//.....TO FIND THE 2nd WINNER.....
```

```
select MAX(Voted_to)
```

```
from voter
```

```
where Voted_to < (select MAX(Voted_to) from voter)
```

//.....TO FIND THE LOSER.....

SELECT MIN(Voted_to)

FROM voter

//..... SEATS WON BY EACH PARTY.....

select Voted_to, count (*)

from voter

group by Voted_to

//.....TO FIND THE NUMBER OF MALE AND FEMALE VOTER.....

select Gender, count (*)

from Registration

group by Gender

//.....TO CHECK THE CANDIDATE

select MP_Const_id, MP_Const_name,

MP_Fname,

MP_Age,

MP_Gender,

Party_name,

MP_District, MP_Pincode,

Qualification,

Description

from MP

where MP.MP_Const_id = :MP_Const_id

//.....TO FIND VOTER ID NUMBER

```
select Aadhar_No, Name, Voter_id
from voter
where voter.Aadhar_No = :Aadhar_No

//.....TO REGISTER FOR VOTING.....

create table Registration(Voter_id int primary key,
Name varchar(20),
Age int check (Age>=18),
Gender varchar(20) default 'Male',
District varchar(20), Pincode int not null,
Aadhar_No int unique)

//.....TO REGISTER AS VOTER .....

insert into Registration values(id_gen.nextval,
:Name,
:Age,
:Gender,
:District, :Pincode,
:Aadhar_No)

drop table Registration

select *from Registration

create table voter(login_id int primary key, Voter_id int,
Const_id int, Const_name varchar(20),
Voted_to varchar(5),
FOREIGN KEY (Voter_id) REFERENCES Registration(Voter_id))
```

```
//.....TO VOTE .....  
  
insert into voter values(id_generator.nextval,  
  
:Voter_id,  
  
:Const_id, :Const_name,  
  
:Voted_to)  
  
select *from voter  
  
drop table voter  
  
create sequence id_gen  
  
start with 1  
  
increment by 1  
  
nomaxvalue  
  
nocycle  
  
nocache  
  
create sequence id_generator  
  
start with 1  
  
increment by 1  
  
nomaxvalue  
  
nocycle  
  
nocache  
  
select MP_Const_id, MP_Const_name,  
  
MP_Fname,  
  
MP_Age,  
  
MP_Gender,
```

```
Party_name,
MP_District, MP_Pincode,
Qualification,
Description, Const_id
from MP, voter
where voter.Const_id = MP.MP_Const_id
and voter.Const_id =:Const_id
create table MP(MP_id int primary key,
MP_Const_id int, MP_Const_name varchar(20),
MP_Fname varchar(20),
MP_Age int check(MP_Age>=25),
MP_Gender varchar(20) default 'Male',
Party_name varchar(20),
MP_District varchar(20), MP_Pincode int not null,
Qualification varchar(20),
Description varchar(50))
drop table MP
select *from MP
insert into MP values(1,1, 'Purnea','Shivam Yadav',27,'Male','BJP','Araria',
854328,'BA','Working Experience 15 years')
insert into MP
values(2,1,'Purnea','RajivYadav',34,'Male','INC','Araria',854343,'B.Tech','Worki
ng Experience 10 years')
```

insert into MP
values(3,1,'Purnea','AyushSingh',38,'Male','RJD','Araria',854328,'BBA','Two
times won the election')

insert into MP values(4,2,
'Darbhanga','SunilSah',37,'Male','JDU','Samastipur',854356,'Inter paas','Works
under MLA for 6 years')

insert into MP values(5,2, 'Darbhanga','Sakshi
Singh',45,'Female','RJD','Saharsa', 854376,'BA','Won 3 times')

insert into MP values(6,2, 'Darbhanga','Arun Sinha',39,'Male','INC','Siwan',
854379,'LLB','Working Experience 10 years under MLA')

insert into MP values(7,3, 'Patna', 'Rohit Sah', '25', 'Male', 'INC', 'Siwan',
'841227', 'BTECH', 'Working Experience of 3 Years')

insert into MP values(8,3, 'Patna', 'Rahul Kumar', '30', 'Male', 'AAP', 'Vaishali',
'844128', 'BCA', 'Works under MLA for 5 Years')

insert into MP values(9,3, 'Patna', 'Ashok Gaur', '45', 'Male', 'RJD',
'Gaya','823001', 'BBA', 'Won the Election 3 times')

insert into MP values(10, 4, 'Begusarai', 'Dilip Das', '33', 'Male', 'BJP',
'Saran','851101', 'BTECH', 'Won the previous election')

insert into MP values(11, 4, 'Begusarai', 'Shobha Kumari', '27', 'Female',
'INC','Samastipur', '848101', 'BA', 'Graduated from JNU University')

insert into MP values(12, 4, 'Begusarai', 'Kiran Bajpayee', 25, 'Female',
'AAP','Bhagalpur', 812001, 'BBA', 'Works under MLA for 3 years')

UPDATE MP

SET Party_name='INC',

WHERE MP_id=2;

create table party(party_id int, party_name varchar(20),

party_symbol varchar(20),

party_head varchar(20),

party_workers int)


```
insert into party values(1,'BJP','Lotus','JP Nadda',600)
```

```
insert into party values(2,'INC','Palm','Sonia Gandhi',550)
```

```
insert into party values(3,'RJD','Laltern','Tejasvi Yadav',650)
```

```
insert into party values(4,'JDU','Arrow','Nitish Kumar',590)
```

```
insert into party values(5,'AAP','Broom','Arvind Kejriwal',400)
```

```
select *from party
```