PRESENTATION
ON
ONLINE VOTING SYSTEM

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COMPUTER SCIENCE

(11ERACS005)

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INTRODUCTION TO ONLINE VOTING SYSTEM:

➢ In this system people who have citizenship of India and whose age is above 18 years of age and any gender can give his\her vote online without going to any physical polling station.

➢ There is a database which is maintained in which all the names of voters with complete information is stored.

➢ He\She has to be registered first for him/her to vote.

➢ Registration is mainly done by the system administrator for security reasons.

➢ The system Administrator registers the voters on a special site of the system visited by him only by simply filling a registration form to register voter.

➢ After registration, the voter is assigned a secret Voter ID with which he/she can use to log into the system and enjoy services provided by the system such as voting.

➢ If invalid/wrong details are submitted, then the citizen is not registered to vote.
Online voting system (OVS) will require being very precise or cost cutting to produce an effective election management system.
Therefore crucial points that this (OVS) emphasizes on are listed below.
Require less number of staff during the election.

This system is a lot easier to independently moderate the elections and subsequently reinforce its transparency and fairness.

Less capital, less effort, and less labor intensive, as the primary cost and effort will focus primarily on creating, managing, and running a secure online portal.

Increased number of voters as individual will find it easier and more convenient to vote, especially those abroad.

PROPOSED SYSTEM

➢ Project is related to Online Voting System.

➢ The project maintains two levels of users:-

    Administrator Level

    Voter Level

➢ **Main facilities available in this project are:-**

    ▪ Maintaining voter's Identification.

    • Providing online voting management.

    • Providing updation of voter's information.

    • Provide voter information to ELECTION COMMISION OF INDIA.

    • ELECTION COMMISION OF INDIA maintains the complete information of voter.

    • Voter can give his\her vote from any part of India.

SOFTWARE REQUIREMENTS

i. **MYSQL DBMS:** It allows combination, extraction, manipulation and organization of data in the voters' database. It is platform independent and therefore can be implemented and used across several such as Windows, Linux server and is compatible with various hardware mainframes.

ii. **NETBEANS IDE: NetBeans** is an integrated development environment (IDE) for developing primarily with Java, but also with other languages, in particular PHP, C/C++, and HTML5. It is also an application platform framework for Java desktop applications and others.

iii. **PHP Coding** is used for implementing the software.

iv. **Testing-** It is done via XAMPP SERVER.

v. **Web browsers:** Mozilla Firefox, Google chrome, Opera and Internet Explorer.

MODULE DESCRIPTION:

1. Login:

It is the login session for the administrator voter and exit.

2. Voter details:

It is used to view voter details from database.

3. Add Citizens:
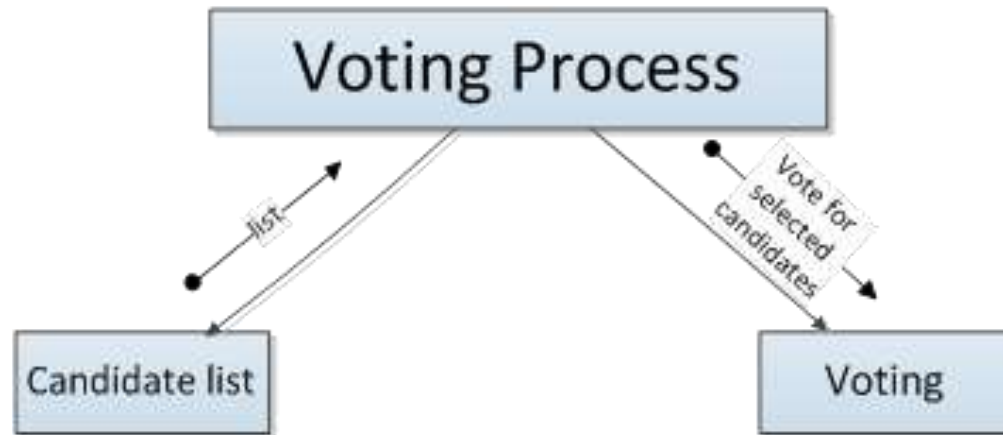It is used to add a voter into database and it includes searching a voter and removing voter from database.

4. Polling:

It is used to poll vote to candidates during election.

5. Report generation:

It is used to get election results and also reset database after all process is completed.

CONTROL FLOW DIAGRAM:

CONTROL FLOW OF TRANSFORM MODULE

CONTROL FLOW DIAGRAM:
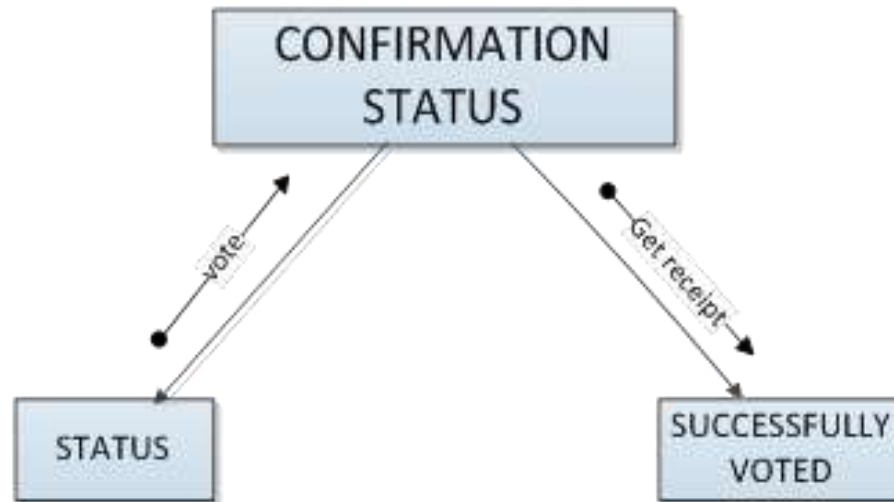
CONTROL FLOW OF OUTPUT MODULE
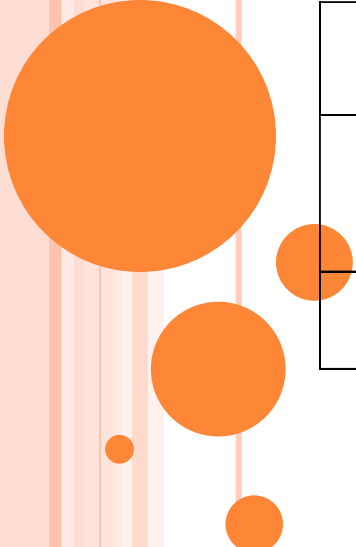
DATABASE TABLES:

This project uses many tables:

Admin

Voter

Candidate

Field Name	Data Type	Description
Username	Varchar	Login id for Admin.(Primary key)
Password	Varchar	Password for Login

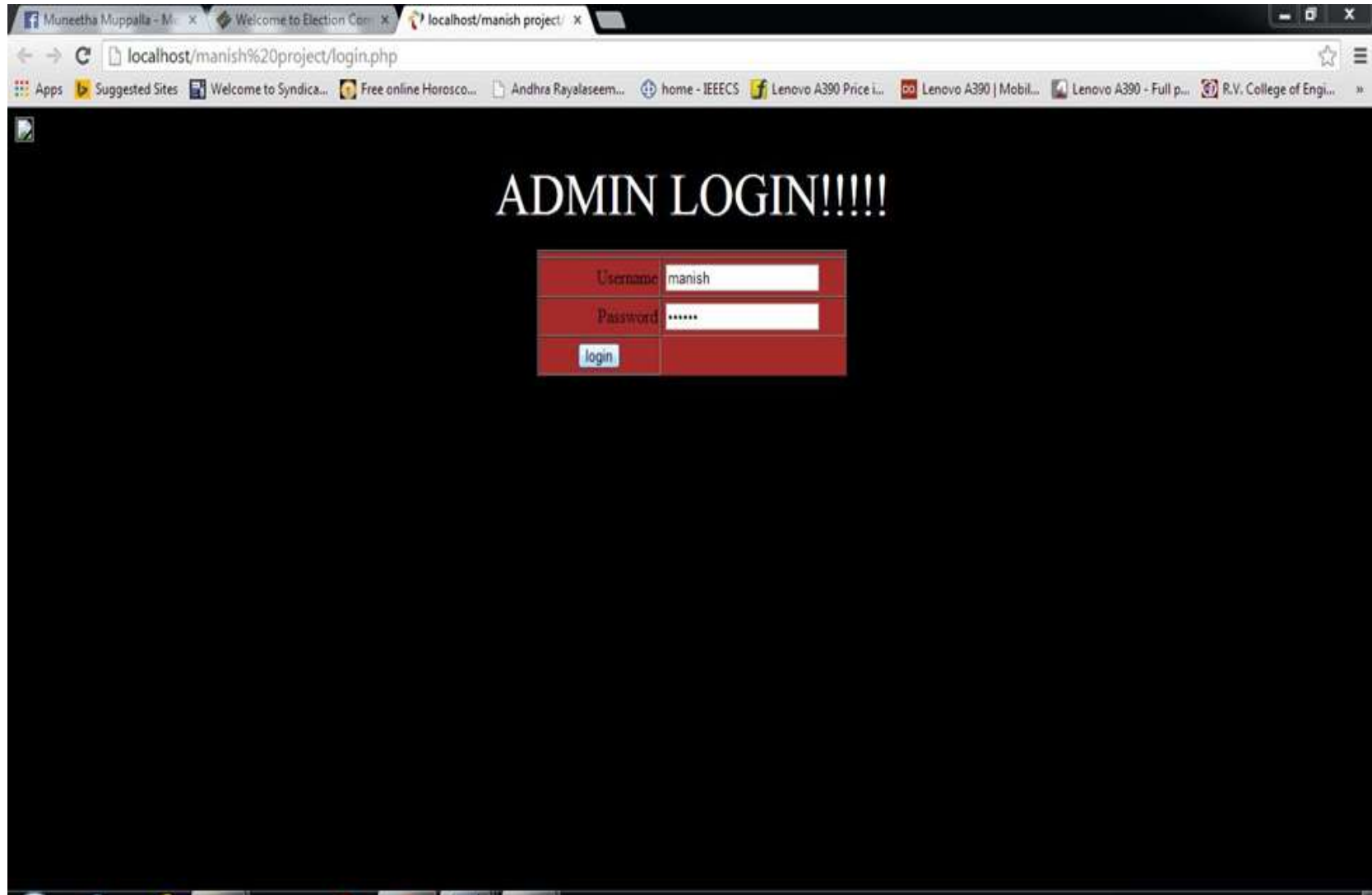# VOTER TABLE:

Voter table description is as shown below:

Field Name	Data Type	Description
VoterId	Integer	Login id for Voter(Primary key)
Name	Varchar	Name of the voter
Gender	Varchar	Gender of voter
Age	Integer	Age of voter
City	Varchar	City of voter
Elected	varchar	Chosen person

CANDIDATE TABLE:

Field Name	Data Type	Description
Party name	Varchar	Party name (Primary key)
Name	Varchar	Name of the voter
Gender	Varchar	Sex of voter
Age	Integer	Age of voter
City	Varchar	City of voter

ADMIN PAGE:

VOTER REGISTRATION PAGE:

THANK YOU....