3.UML DIAGRAM FOR ONLINE VOTING SYSTEM
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AIM:

To draw UML diagram for Online voting system using Umbrello tool

PROBLEM STATEMENT:

Develop a scenario based modeling and draw the appropriate use case diagrams for the below given "OnlineVoting System". Internet has led to discussion of e-democracy and online voting. Many peoples think that the internet could replace representative democracy, enabling everyone to vote on everything and anything by online voting .Online voting could reduce cost and make voting more convenient. This type of voting canbe done for e-democracy, or it may be used for finalizing a solution, if many alternatives are present. Onlinevoting make's use of authentication, hence it needs security, and the system must be able to address obtaining, marking, delivering and counting ballots via computer. Advantage of online voting is it could increase voter turnout because of convenience, and it helps to reduce fraud voting.

USE CASE SCENARIOS:

The voter scenarios are:

- The voter login to the system.

- The voter can begin to vote at any time.

- We have only 1 change to change a vote

- Caste vote

- View online help

Admin scenario arc:-

- Admin can login to the system

- Admin has a activities like update and delete or add new candidate

- File can give the results of the elections

- He can filter the results

- He have the permissions like modified the voter profile etc

Login:-Both the admin and valid voter can login into the system. The admin should provide a password andlogin ID to the voters before the election starts

Voter profile:-The voter can seen their profile but changes not be done by the voter only admin can changethe voter profile
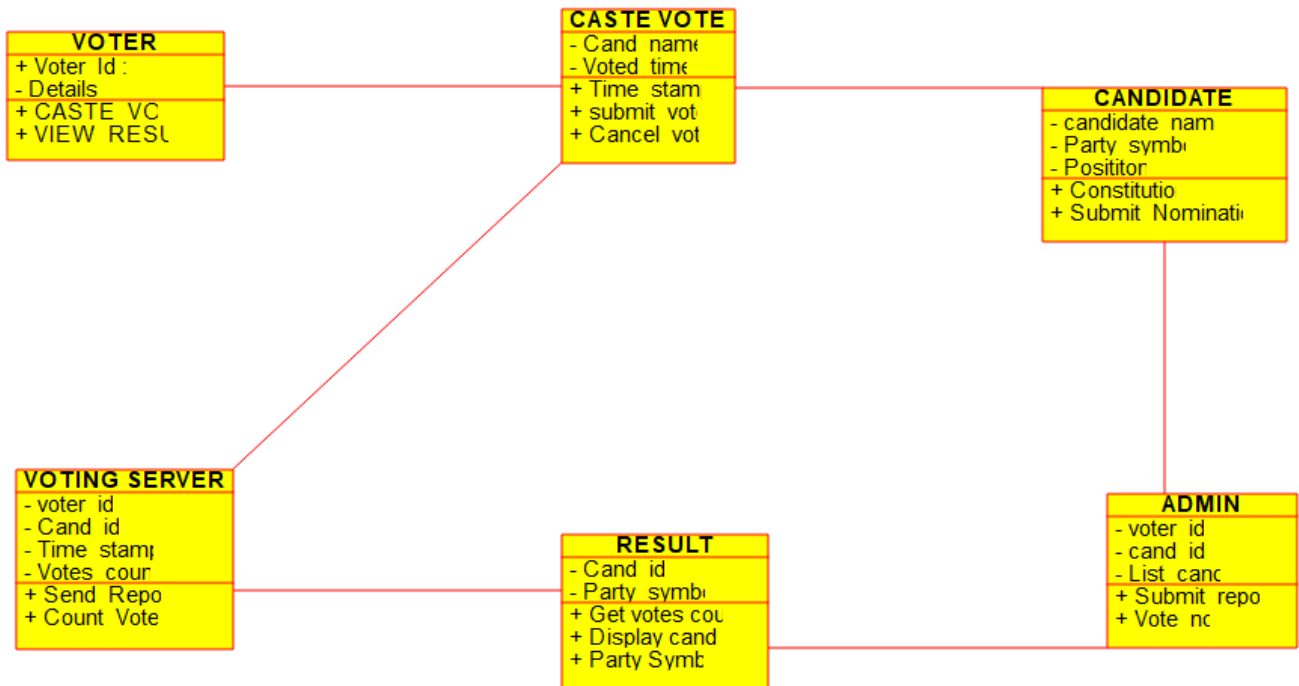
Add candidate:-The admin can have the permissions like to add the candidate or update the details of thecandidate

Caste vote:-The voter can use the vote on the day of polling can be due to their respective candidate
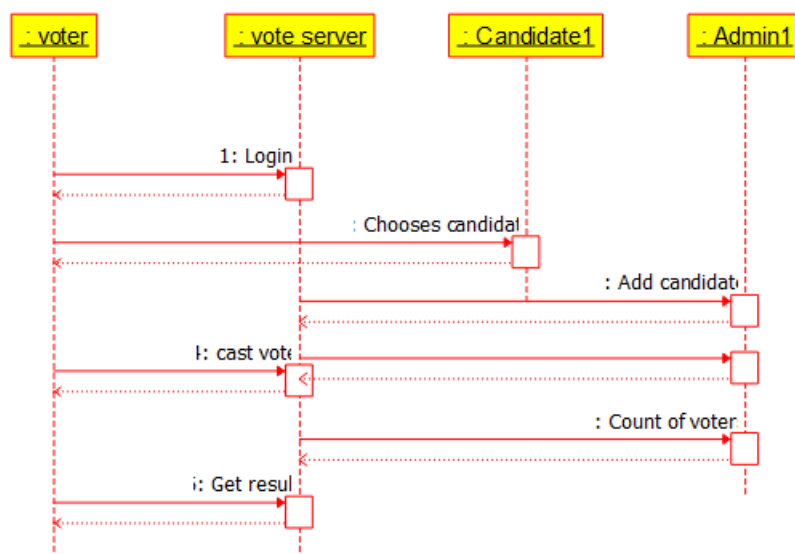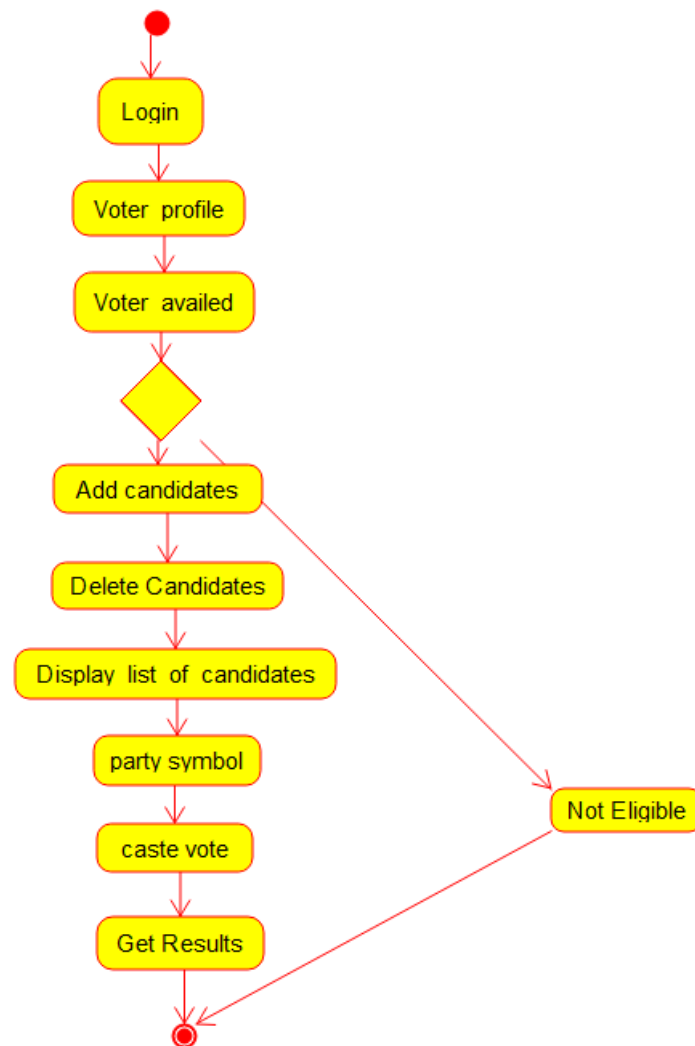
USE CASE DIAGRAM:

CLASS DIAGRAM:

VOTER
+ Voter Id :
- Details
+ CASTE VC
+ VIEW RESL

CASTE VOTE
- Cand name
- Voted time
+ Time stam
+ submit vot
+ Cancel vot

CANDIDATE
- candidate nam
- Party symb
- Posititor
+ Constitutio
+ Submit Nominati

VOTING SERVER
- voter id
- Cand id
- Time stam
- Votes cour
+ Send Repo
+ Count Vote

RESULT
- Cand id
- Party symb
+ Get votes co
+ Display cand
+ Party Symb

ADMIN
- voter id
- cand id
- List canc
+ Submit repo
+ Vote nc

SEQUENCE DIAGRAM:

ACTIVITY DIAGRAM:

RESULT:

Thus the use-case diagram for online voting system is drawn and verified successfully.