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6.UMLDIAGRAMFORONLINEVOTING SYSTEM

AIM:

TodrawUMLdiagramforOnlinevotingsystem usingUmbrellotool

PROBLEMSTATEMENT:

Develop a scenario based modeling and draw the appropriate use case diagrams for the below given“OnlineVotingSystem”.Internethasledtodiscussionofe-democracyandonlinevoting.Manypeoples think that the internet could replace representative democracy, enabling everyone to vote oneverything and anything by online voting .Online voting could reduce cost and make voting moreconvenient. This type of voting canbe done for e-democracy, or it may be used for finalizing a solution,ifmanyalternativesarepresent.Onlinevotingmake’suseofauthentication,henceitneedssecurity,an d the system must be able to address obtaining, marking, delivering and counting ballots viacomputer. Advantage of online voting is it could increase voter turnout because of convenience, and ithelps to reducefraud voting.

USECASESCENARIOS:

Thevoterscenarios are:

- Thevoterloginto thesystem.
- Thevotercan beginto voteatanytime.
- Wehaveonly 1 changeto changeavote
- Castevote
- Viewonlinehelp

Adminscenarioarc:-

- Admincan login tothesystem
- Adminhasaactivities likeupdate anddeleteoraddnewcandidate
- Filecangivetheresultsoftheelections
- Hecanfiltertheresults
- Hehavethepermissionslikemodified thevoterprofileetc

Login:-Boththeadminandvalidvotercanloginintothesystem.Theadminshould provideapasswordandloginIDto thevotersbeforethe election starts

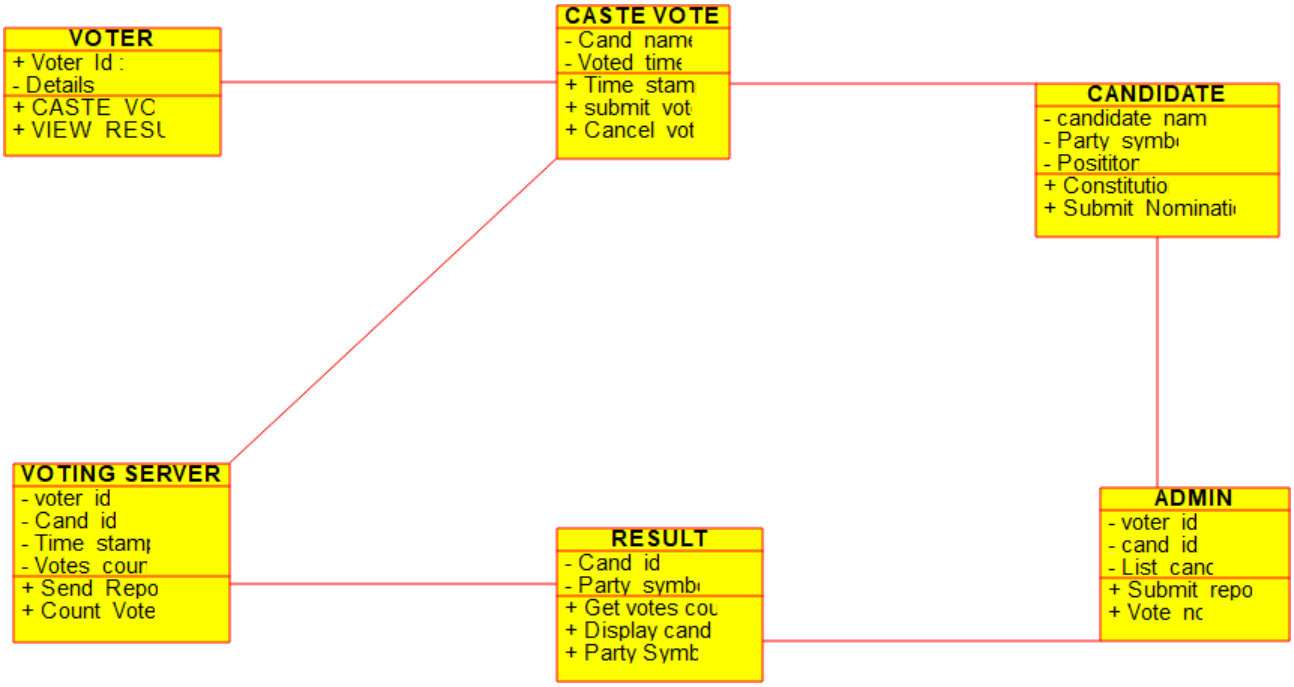
Voterprofile:-Thevotercanseentheirprofilebutchangesnotbedonebythe voteronlyadmincan changethevoterprofile

Addcandidate:-Theadmincanhavethepermissionsliketoaddthecandidateorupdatethedetailsofthecandidate

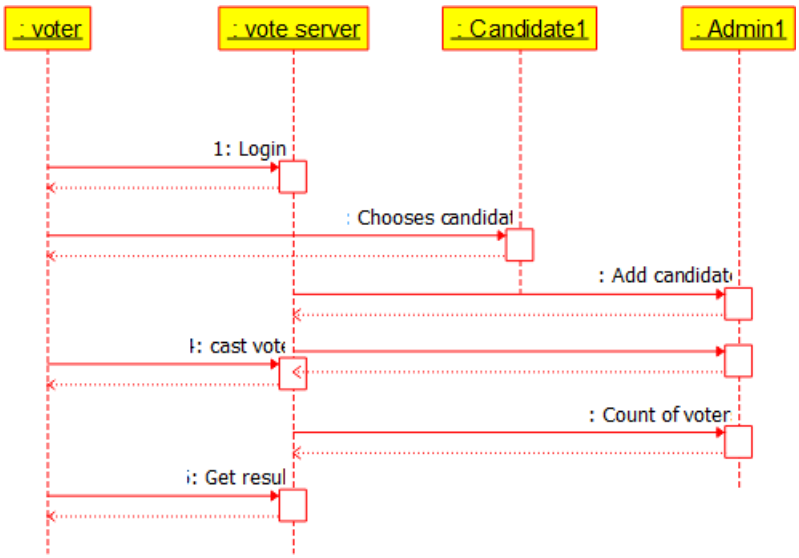
Castevote:-Thevotercan usethevoteonthedayofpollingcan bedueto theirrespective candidate

USECASEDIAGRAM:

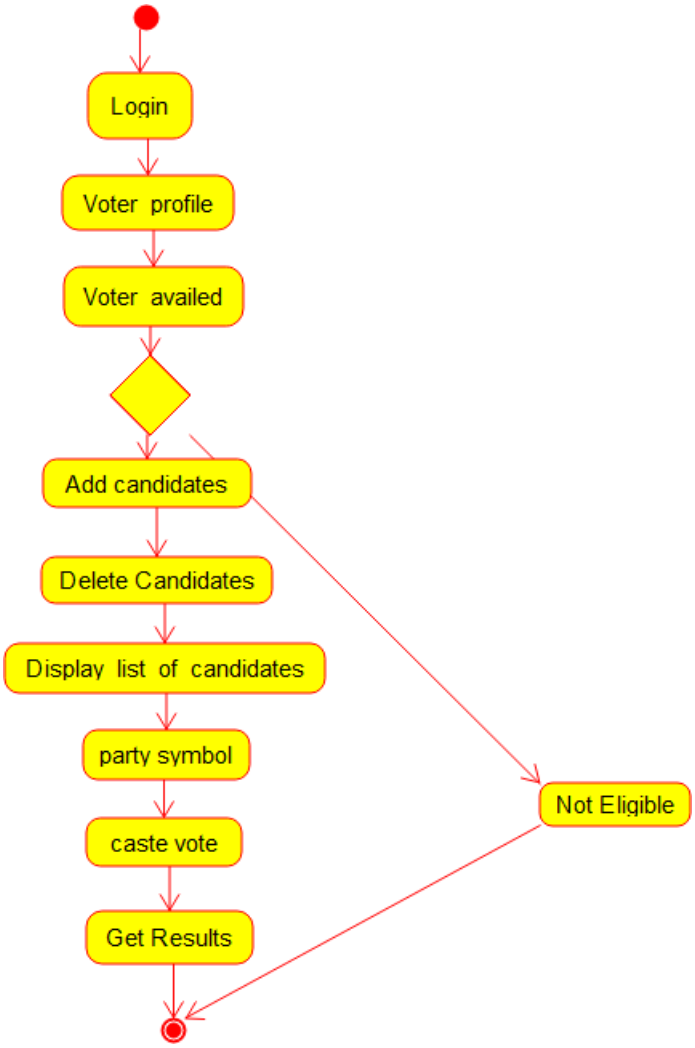
CLASSDIAGRAM:



SEQUENCEDIAGRAM:



ACTIVITYDIAGRAM:



RESULT:

Thustheuse-casediagramforonlinevotingsystemisdrawnandverifiedsuccessfully.