



InviteOnlyPoll

- VoterList: str[]

+ Bool inviteVoter(str voterName)
+ Bool removeVoter(str voterName)

Poll

+ pollQuestions : PollQuestion[]
pollResults: Dictionary
poll_ID: int 0
isPollPublic: bool False
+ startTime: DateTime
+ endTime: DateTime
areVotesModifiable: bool False
+ admin: str
+ accountRequired: bool False
+ linkRequired: bool False
+ directAccessLink: str
+ PollName: str

bool storeResult(int poll_id, int selection)
+ Dictionary getResults(int poll_id)
bool makePublic()
bool makePrivate()
bool setDuration(int poll_duration)

getResults()

RegisteredPublicPoll

VoterList: Str[]

Database Manager

- voterDatabase: Database

GetPollResults()

+ Voter[] GetVoterList(int poll_id)
+ bool IsVoterRegistered(int user_id)
+ bool verifyCredentials(str username, str password)
+ bool InputVoterChoice(int poll_id, int choiceID)
+ Dictionary GetPollResults()
+ bool AddInvitedVoters(int poll_id, int voter_id)
+ bool RegisterVoter(str username, str password)
+ bool RegisterAdmin(str username, str password)

GetVoterList()

Voter Administrator

- void ViewPollParticipants()
- Bool EditPollSettings()
- Poll CreatePoll()
- Bool SetResultsPrivacyLevel()
- Bool SetPollPrivacyLevel()
- Bool PublishResults()
- Bool SetVoteModifiability()

PollQuestion

pollChoices: PollChoice []
- question: str

getChoiceText()

PollChoice

choiceText: str
- numVotes: int
+ choiceID: int

+ str ToString()
+ str getChoiceText()

WebPage

- bool isShowing

+ Void updatePage()
+ Void showPage()

Voter

+ userName: str
userPass: str

getPassword()

Bool EditVote()
Bool JoinPoll(int PollID)
Bool createNewPassWord()
+ str getPassword()

User

+ UserID: int

SearchPolls()

Void ViewPublicPolls()
void CreateAccount()
Void PublicResults()
Bool CastVote()
Poll[] SearchPolls(string pollName)