# Voting.sol

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Function Name** | **Function Visibility** | **Function mutability** | **Modifiers** | **Parameters** | **Action - Notes** |
| constructor | public | N/A | N/A | N/A | Sets the owner as msg.sender |
| totalVotes | Public | N/A | N/A | cId – candidate Id | Returns the total number of the Votes given to the particular candidate |
| addCandidate | Public | N/A | onlyOwner | name – Candidate name  partyName – Party Name | - gets the number of candidates already created  - creates a new candidate with the name and party name passed as parameter  - notifies when candidate is created |
| vote | Public | N/A | N/A | uId – user Id  cId – candidate Id | Adds a new vote from the user to the candidate mentioned as the candidate Id |
| addUser | Public | N/A | onlyOwner | user – address of the user | Setting up the user address for USER\_ROLE |