Ujjawal jani – D145

Title: **Online Election System (for society)**

*Organizational Overview*

*Online Election System* is about voting processes for member-based organizations. Our staff strives to simplify and secure elections and votes for voters, members and election administrators.

*Online Election System* is the result of frustrations running elections for student groups, associations and not for profit organizations. We spent many hours tallying paper ballots and kludgy spreadsheets or scripts to tally and share results. We knew we could do better.

Access our online election system with your desktop computer, laptop, smartphone or tablet.

With our online election system and associated services, we strive to provide an election platform that allows both small volunteer groups and large associations to run a secure, democratic election at a reasonable price.

We build simple elegant technology solutions to real world problems by listening to our customer needs. And we are always looking to improve our online voting tool, so email us with comments and questions!

*Description of System*

“ONLINE VOTING SYSTEM” is an online voting technique. In this system people who are resident of the society and whose age is above 18 years of age and any sex can give his/her vote online without going to any physical polling station.

Voter has to be registered first for him/her to vote. Registration is mainly done by the system administrator for security reasons. Residents seeking registration are expected to submit their details while signup. The system Administrator registers the voters on a special site of the system visited by him only by simply verifying the signed up voters. After the validity of them being citizens of that society has been confirmed by the system administrator, the resident is then registered as a 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.

Similarly for candidates there will be a separate registration which will be verified by the admin.

Registered voter can then vote for every designations created by the administrator. Voting can be done once for each designation by each voter. A deadline will be given to elections. After the election deadline is over, everyone will be able to view result of all elections.

Foreign experience revealed that they are often confronted by security issues while the online voting system is running. The origin of the security issues was due to outsider (such as voters and attackers) as someone can forcefully make you vote to candidate of their choice. Another issue can be insider such as system developers and administrators, even if one person is corrupt, voting results can be biased. Also, hackers can make incursion into the voting system via network.