

Chapter 5

Conclusion

5.1 Conclusions

Our proposed “Biometric Voter Authentication, Vote Casting and Counting & Ensuring Vote Verifiability” in e-voting system enables a voter to cast his vote through fingerprint going to voting booth and proxy vote or double voting is not possible, fast to access, easy to maintain all information of voting, efficient and flexible. It can provide easy and accurate counting without any troubles. We are also able to ensure vote verifiability to all voters of their voting with the reference number which will be published on the website of EC (Election Commission). Our overall system is receipt free and we also think that we are able to ensure some privacy of a voter by our proposed E-Voting system. Hence, by using such reliable and secure voting method can actually increase the voting percentage. The usage of e-voting has the capability to reduce or remove unwanted human errors. In addition to its reliability, e-voting provides better scalability for large elections Fingerprints of every person is unique and hence this system completely restricts the invalid voters.

Our “Biometric Voter Authentication, Vote Casting and Counting & Ensuring Vote Verifiability” in e-voting system is not completely finished for participating in a national election. So in this chapter some plans are proposed to improve our device and hence more additional features can be added in future.

5.2 Future Plan

There are many other possible scopes for future study as well. In this study, one of the most challenging obstacles was to store mass number of fingerprints and mass information in the data base as the internal memory was very limited. It leaded us to make a device that can be used among not more than 1000 persons.

As a solution of this problem along with other problems some improvement plans are proposed.

- Deploy an experimental e-voting system that can be used in Bangladesh & other countries.
- Trying to add some more features of Biometric Authentication, such as Face Recognition, Iris and Palm prin.
- Adding more features for vote verifiability and voter privacy.