



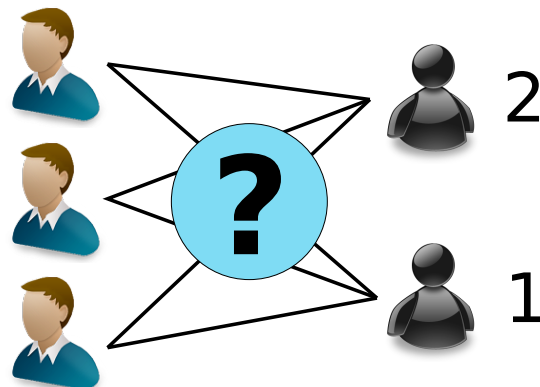
## Anonymous and Transparent E-Voting System

People are reluctant to accept electronic voting systems due to the implications on privacy and transparency of current implementations. While multiple countries have tried to use some kind of computer based voting it has so far been difficult to detect fraud [1, 2]. Using ideas from cryptocurrencies better systems can be constructed that allow any member of the public to verify the correct attribution of votes to candidates while keeping the personal preferences secret.

We have some ideas how to create such a voting system. In this project you are going to implement a working setup with which a vote can be held with a predefined list of voters and candidates.

**Requirements:** Some programming experience is useful, basic knowledge of cryptography

**Interested? Please contact us for more details!**



### Contacts

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### References

- [1] Chaos computer club on e-voting in switzerland. [https://www.ccczh.ch/aktivitaten/e\\_voting/](https://www.ccczh.ch/aktivitaten/e_voting/).
- [2] Beschreibung und auswertung der untersuchungen an nedap-wahlcomputern, 2007. <http://wahlcomputer.ccc.de/doku/nedapReport54.pdf>.