**CHAPTER – 8**

**CONCLUSION**

This paper presents an implementation of blockchain used in OSN. Users keep their security information under their control, in order to avoid security information leakage from centralized servers. Additionally, since the social network service is decentralized, users do not need to worry about service crash down by centralized entity. Furthermore, there is a DAO for the whole users to self-manage their social network. It is possible for an OSN to develop sustainably without a centralized leader. The blockchain implemented in this project not only provides a decentralized environment for OSN, but also make it possible for users to manage their social network in a decentralized way.

For future work, a user-friendly interface will be developed in order to replace the CLI clients since they are not very suitable for normal users. As a public IPFS network is used in this project, in order to improve the data privacy level, a private IPFS network will be developed. In autonomy part, the simulate plan will be needed in further development, the simulate plan can use tokens to motivate users to create more high-quality content in OSN and pay their effort in the autonomy part.

The data mining can play a vital role in disease prediction to design a smart health prediction system.

In medical diagnosis, data mining has been widely used for predicting diseases through diagnosis.

However, no single data mining algorithm is best suited to resolve the prediction issues for healthcare

data sets. In conclusion, the combination of several data mining or hybrid version of data mining

algorithm may be a better approach in designing health prediction system. The future research may

be directed towards designing a better data mining based model that can address the healthcare with

real-time healthcare datasets.

This study does not encompass the complete analysis of all existing data mining algorithms and real-

time healthcare dataset. Besides, the proposed health prediction system is not built through the

comparison of all the data mining algorithms available in literature. However, the future research may

be directed towards the selection of the best suitable data mining algorithm through the analysis of all

existing algorithms.