Weekly Report

Name: Mingxuan CHEN

Time: 2024/04/07 – 2024/04/13

What work I have done this week (lists and details)

- graduation design
- reading paper

STEAC: Towards secure, traceable, and efficient cryptographic access control scheme in smart healthcare

Authors: Weiwei Deng, Tao Xiang, Xiaofeng Liao

Affiliation: Key Laboratory of Dependable Service Computing in Cyber Physical Society, College of Computer Science, Chongqing University

From: Multimedia Tools and Applications (2022) (CCF C)

https://doi.org/10.1007/s11042-022-12805-3

Research Question (What is the problem)

- policy hiding,
- decryption test
- access traceability

Motivation (With the existing work, why the author do this work)

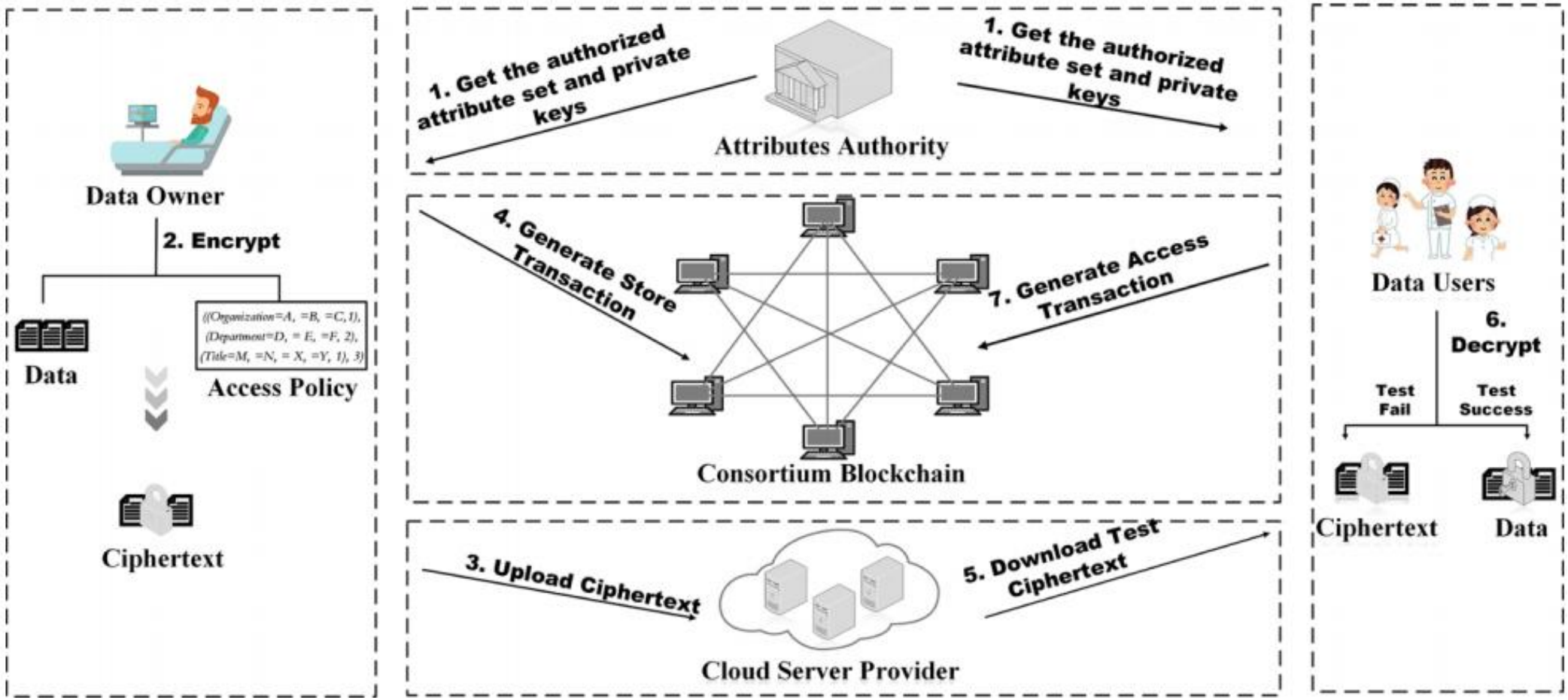
- a privacy-preserving, fine-grained, traceable and efficient cryptographic access control scheme for smart healthcare:

  (1) design a RIGBF

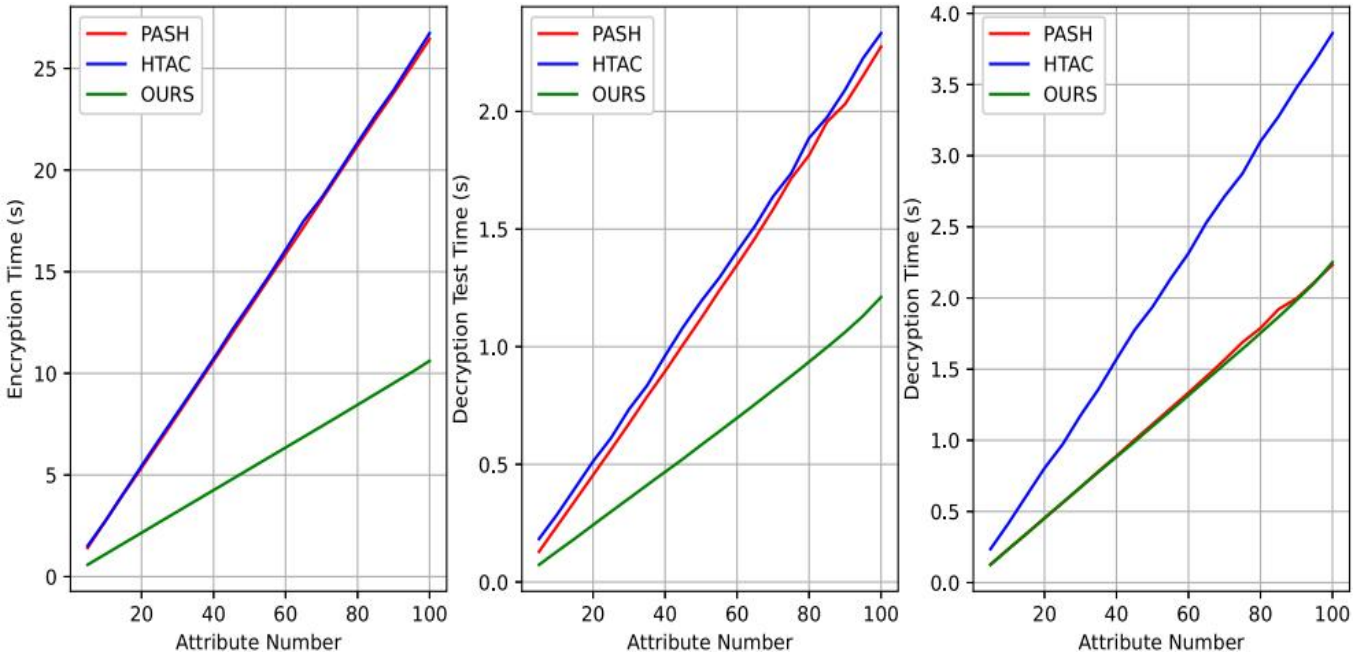
  (2) use transaction-based blockchain technology

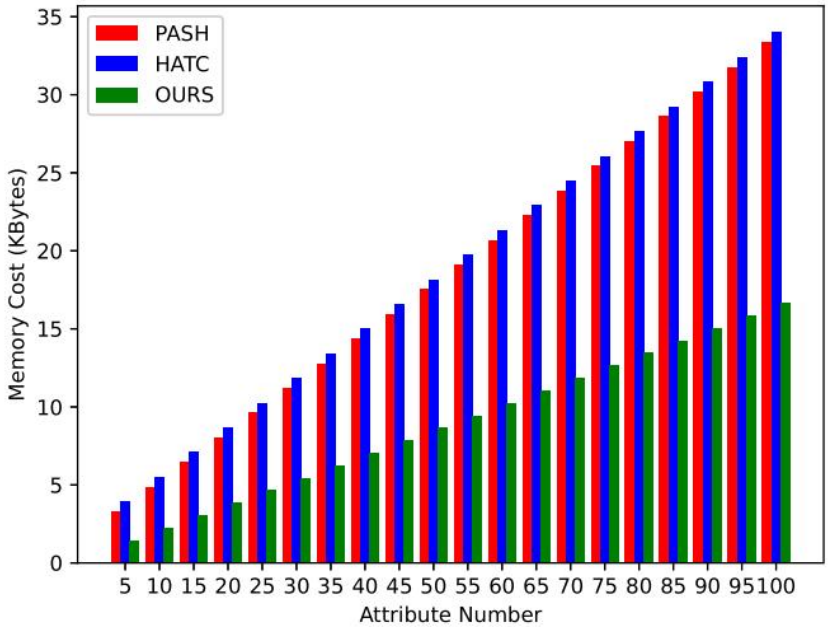
  (3) introduce a decryption test operation

Methodology (Architecture, solutions or methods, how to do this work)



Results (Data & charts or other results, effective and value of the work)





Plan for next (week)

- graduation design
- reading paper