CSE447 Lab project.

Develop/reuse existing system/app/webpage with the following features:

1. There will be 2 options: Login and Register. Users can login/Register to the system.

2. While registering, userinfo should be encrypted (while storing) and decrypted (while viewing).

3. Password should be hashed and salted before storing in the database.

4. Separate function for credential check.

5. A key management module should be defined.

6. Users can post/view using encryption and decryption.

7. Every major piece of information in the database should be encrypted. I.e. if an attacker has access to the database, unable to retrieve any data.

8. [OPTIONAL] Integrity check using MAC