**CHAPTER- 9**

**CONCLUSION**

In this project, we propose a fast and accurate searchable encryption scheme that supports accurate retrieval of top-k multi-keywords. A homomorphic order-preserving encryption algorithm (FHOPE) is used to encrypt the index and query vectors, and it implements the secure relevance score calculation between encrypted index and query vectors. The relevance score is in ciphertext and has order-preserving property. . The FASE scheme effectively filters a large 883 number of irrelevant documents by matching the document mark vector and query mark vector, and the search efficiency is improved. Furthermore, according to the two-round ranking of the keyword matching degree and the relevance score, not only the returned search result is more accurate, but the search efficiency is also further improved. An experimental platform was built to evaluate the efficiency of index construction, the efficiency of trapdoor generation, and the search efficiency and accuracy. The experimental results show that the FASE scheme can not only improve the accuracy of search results and the search efficiency, but also reduce the time cost of index construction, and the returned search results can more satisfy the user’s requirements