**Chapter 5**

**SUMMARY OF FINDINGS**

This chapter includes the summary of findings and the conclusion derived based on the test result and analyze of the evaluation results, and the recommendation to be proposed which help to better understand study for the researchers and future researchers.

**Conclusion**

Based on the evaluation results, the following conclusion of evaluation result were drawn by the researchers. Results of four basic operations testing refers the behaviour output conducted on small query process up to huge data process with speed of internet. The results represented the objective of this study to known distinct difference when applied in a mobile environment on the basis of query process speed, accuracy and compatibility which can handle the big data and real-time database. The results have represented that there are many part which Firebase database is suitable for real-time database for its flexibility and is very easy to understand.

**Recommendations**

Based on the conclusion of the result of testing procedure, the following recommendations are hereby forwarded:

1. Applying database which can handle real-time database like Firebase is a good idea to use especially in mapping location changes.
2. Firebase can execute lower times in four basic operation which create, read, update and delete.
3. Improve the database relations with Firebase database because they make it harder to populate.
4. Improve development of web server built to have a Firebase CLI to include reload live functionality.

5. Analyze the execution time inserting multiple data in MySQL and Firebase.