

## CHAPTER VI

### Conclusion and Further Research

#### 6.1 Conclusion

Application can be used to solve the TSP problem (Travelling Salesman Problem). With the help of Google API we can select a city from the map and also get away. Then the application using complete enumeration method to obtain a random iteration process between the city and get the total route distance of each iteration, with the iteration thus obtained which has the minimum distance. The end result of this application are true. So I hope this application can be used by the public to help get the distance between cities is the minimum, so it will get the time and cost efficient.

#### 6.2 Further Research

This application can help users to get the minimum distance between cities. However, this application has a weakness if there is no internet connection is quite stable. On the other city that can not be processed too much.

In further developments, the application is expected to be processed without using internet connection. Maybe pemetakan map and the distances between cities can be stored in the database in advance so do not need to use the internet connection again. The number of cities that are expected to be processed more flexibly to achieve more cities.