CHAPTER VI
CONCLUSION

6.1 Conclusion

This objective of this project is Knowing GADDAG algorithm to find all the words that can be formed from the several letters efficiently and implement Trie data structure to store vocabulary.

On this project, cheat scrabble game can give recommendation of word based on board condition and rack condition with the highest bonus value. Using GADDAG algorithm, cheat scrabble game can search word with efficiently. Also the Trie can help GADDAG algorithm for store vocabulary.

But on this project, GADDAG algorithm needed big memory usage to store the vocabulary. It's because a word is stored to the data structure with several form.

6.2 Future Research

On GADDAG algorithm word stored on several forms which need big memory to stored it. Now this project use 1000 word and it can be grow which will take a lot of memory. In the next research this problem can be use as main topic. So can be found how to compress memory usage from data structure on GADDAG algorithm.