

## Chapter 5

### Conclusion and Recommendation

#### 5.1 Conclusion

The main objective of this study was to compare between electronic learning (E-learning) & traditional learning (T-learning) using K-mean algorithm method. This method clustered the student's data into groups based on their final examination grades. The information that obtain from clustering results would help to improve the educational level as well as help the students to choose the educational type.

In this study the K-mean clustering method was used in data mining to group the student's data into clusters that have similar characteristics. Number of experiments was conducted.

The result from the experiments showed that e-learning is better than traditional education since the most successful grades was in e-learning and it have a full students attendance.

#### 5.2 Recommendation

Student grades as well as students attendance points were used in this study. The gate is open to anyone who concern about the study to add more details in terms of the dataset (e.g. attendance time, homework, gender and quizzes).