

## CHAPTER V

### CONCLUSION AND SUGGESTION

#### 5.1. The Conclusion

Based on the result of research that obtained from the result of data analysis. It can be stated some conclusion as follows:

1. The arranging of innovative and interactive chemistry learning material on topic of chemical equilibrium has successfully designed suited to the common curriculum that using at university students. The development of chemistry learning material could be used as a learning media on teaching of chemical equilibrium at second semester for university.
2. The standard and good innovative and interactive chemistry learning material prepared to proceed teaching and learning process optimum. It was get the positive response from students and chemistry lecturers as a standardizer with point that given.
3. The kind of innovation that has been include on the development of innovative and interactive chemistry learning material is offline and online innovation. There are video, example and exercise as an offline innovation, while the online innovation when the students connected to internet and using the web link that has been inputed on the learning material as an e-book.
4. The standard and god innovative and interactive chemistry learning material absolutely have good criteria and suitable with *Indonesia Education National Standard Beareau* (Badan Standar Nasional Pendidikan), however based on content, extension, depth, design and language.

## 5.2. The Suggestion

Based on the conclusion above, there are some suggestion that have to be stated in order to make teaching and learning process in chemistry become effective and efficient as follows:

1. It is suggested that the chemistry lecture should give the standard and good innovative and interactive chemistry learning material based on the common curriculum as main learning media to student in the university especially learning material of chemical equilibrium.
2. It is suggested to next researcher could improve the better innovative and interactive learning material based on common curriculum and develop the e-book to make it more simple and easy according to the suggestion that given by sample as standardizer.
3. It is suggested to university holder for developing and providing the standard and good innovative and interactive learning material to be used in the teaching and learning process especially for chemical equilibrium subject in general chemistry II.