

CHAPTER V

CONCLUSION AND RECOMMENDATION

5.1 Conclusion

After conducting this research, the conclusion that can be reached is as follow:

1. The web-based learning as an interactive media has developed on the topic of levers in the human body, the characteristics of the website education that has been developed has two ways communication with the existence of the feedback on the finding keywords games and quiz games, and the content that really suitable for secondary high school students, which are the colorful content, the existence of animation, video, and interactive multimedia. The data that has been measured, this website education categorize as interactive media, it is proven by the respond of the experts' judgment, teachers, and students as the subject of this research.
2. Based on some categories such as the validation of the content, language, and design of the website education, the media can be used as the interactive web-based learning.
3. Based on teachers and students respond, the media can be applied and show the very good response from the students and teachers. And based on the internal consistency result using Cronbach's Alpha, the result is approved to be very reliable.

5.2 Recommendation

There are some recommendations for a future study regarding the development of web-based learning using interactive media for integrated science and its implementation to science teachers and Junior High School students as follow:

1. It will be better to make the website education become not to take time consuming to load, with making the gif picture, video, game, and animation not embed from the other sources, so the developer can control the resolution, while in this research, the website education content on gif picture, video, game, and animation resolution have been decreased, but it does not really work well. It still needs a strong signal to access website education.
2. The quiz inside the game can be added more because it can engage more of the students' excitement.
3. In future research, it is better to make website education for all integrated science materials that can be enriched. Since in Indonesia there is no website yet that focusing on the integrated science materials that using an interactive media for teaching-learning process.