CHAPTER V

CONCLUSION AND SUGGESTION

5.1 Conclusion

Based on the research, can be concluded :

1. Learning outcome enhancement in experiment class that used android based student learning media which is 75% with average 81.6 was higher than control class that not used android based student learning media which is 49% with average 68 on *Problem Based Learning Model.*

2. Motivation in experiment class that used android based student learning media with average 3.38 was higher than control class that not used android based student learning media with average 2.8 on *Problem Based Learning Model.*

3. There is a positive correlation between students' motivation with the learning outcomes enhancement that used android based student learning media on *Problem Based Learning Model.*

So it can be concluded that Android-based chemical bonding media is better to use than conventional methods because it can enhance student motivation and learning outcomes during online learning in pandemic situations.

5.2 Suggestion

Based on the result of research can be suggested:

1. Chemistry teachers expected to apply the android based student learning media on chemical topic in the learning process to increase student learning achievement in pandemic situation.

2. For the future research who also want to research the same thing, are expected to choose other material with more innovation and more up to date material, and also adjust to technological development.

3. For students, it is hoped that this Learning media can improve student learning outcomes and increased students motivation in learning chemical bonding.