

## **CHAPTER VI**

### **CONCLUSIONS AND SUGGESTIONS**

This chapter contains conclusions that based on research objectives and contains suggestions based on research scope.

#### **6.1 Conclusions**

The conclusions of this research are as follows:

1. The used of current class chair resulted discomfort feeling of scoliosis student's body part. Seven among nine parts of body have been complained by all of respondents and this depicted uncomfortable level of respondents.
2. Preliminary interview and evaluation of current class chair have resulted 10 customer requirements which translated into 12 technical requirements.
3. Among three alternatives that meet 12 customer requirements, alternative 1 with convex backrest has been selected by experts. The prototype of special chair with convex backrest has been produced and evaluated by scoliosis students. After using prototype, comfort level of each respondent increase significantly.

#### **6.2 Suggestions**

The suggestion for future research are as follows:

1. Adding some features that can relieve scoliosis student's pain.
2. Using other methods of assess comfort level can use for further research.