

## CHAPTER V

### CONCLUSIONS AND SUGGESTIONS

Based on the results and analysis of the research, some conclusions and suggestions are described as follows:

#### 5.1 Conclusions

1. The existing speaking materials was done by the students from six main aspects; the purpose, design and arrangement, linguistics features, topics, learning method and skills. The conclusion is 17.36% relevance on existing speaking materials used by the first semester. (see appendix B).
2. Speaking materials needed by the students of D-3 mechanical engineering in the first semester are Wheel bearings, Can not starter, Overheating Engine, How Cars Work, Car Maintenance, Hydro Power Plant and Boiler
3. Speaking material developed based on Problem based learning model  
There are five stage of problem based learning namely: Direct students to observe the object , Ask problem the object , collect data to answer problem, Ask the students formulate the problem, Providing opportunity communicate answers the result of the problem.

## 5.2. Suggestions

In line with the above conclusions, then some points can be recommended each conclusion received suggestions are described as follows:

1. The development of speaking materials for english engineering specific purposes should consider and concern to the students' need, students' background and stakeholders' need, and the objective of the subject learned.
2. Should the material required by students so far can support their career, further research is expected to develop this material in more detail. so that the development of this book is useful for D-3 engineering graduates.
3. To enable the process of teaching and learning process runs effectively, actively, and participatory, the learning material should be designed in a such way as problem based learning and authentic materials.