

CHAPTER V

CONCLUSIONS AND SUGGESTIONS

5.1 Conclusions

Based on the results of the student worksheet development research using the Research and Development (R&D) model by Borg and Gall (2007) in teaching descriptive text for Grade X students, it can be concluded that the existing learning materials used at school did not fully support students in developing their descriptive writing skills. The needs analysis results showed that many students experienced difficulties in writing descriptive texts, generating ideas, selecting appropriate vocabulary, applying correct grammar (especially simple present tense), and understanding the generic structure of descriptive text (identification and description). These problems made students less confident and required learning materials that provide clearer guidance and more interactive activities.

Therefore, the researcher developed a student worksheet based on Inquiry-Based Learning (5E) integrated with Augmented Reality (AR). The worksheet was designed to meet students' necessities, lacks, wants, and learning needs. The developed worksheet provides structured activities that guide students step by step through the stages of Engage, Explore, Explain, Elaborate, and Evaluate. It also includes vocabulary support, grammar reinforcement, and guided writing tasks to help students write descriptive texts systematically and effectively. The use of AR was included to help students observe objects more clearly and generate ideas more easily in writing descriptive paragraphs.

The developed worksheet was validated by two experts and evaluated in four aspects: language, content, presentation, and layout. The validation results showed

that the worksheet was categorized as “Very Good” in all aspects. In language appropriateness, Validator 1 gave an average score of 4.75 and Validator 2 gave 4.88. In content material, Validator 1 gave 4.25 and Validator 2 gave 4.50. In presentation, Validator 1 gave 4.71 and Validator 2 gave 4.86. Meanwhile, in layout, both validators gave an average score of 4.71. These results indicate that the developed worksheet is feasible and appropriate to be used as learning material for teaching descriptive text writing. Furthermore, worksheet has strong potential to improve students’ understanding of descriptive text structure and language features, enrich their vocabulary, and enhance their ability to write descriptive texts in an engaging and meaningful learning process.

5.2 Suggestions

1) For Future Researchers

Future researchers are recommended to develop similar English learning materials using Inquiry-Based Learning (5E) combined with technology such as Augmented Reality. This approach can also be applied to other text types such as recount, narrative, procedure, or report text. In addition, future studies may conduct product trials or experimental research to measure the effectiveness of AR-based worksheets in improving students’ writing achievement, motivation, and learning engagement. Researchers are also encouraged to explore the use of other digital tools such as interactive quizzes, videos, or online platforms to support language learning.

2) For Teachers

Teachers are suggested to use learning materials that match students' needs and provide structured guidance in writing descriptive texts. The developed worksheet can be used as an alternative teaching material because it provides clear steps, vocabulary support, grammar focus, and writing practice based on Inquiry-Based Learning. Teachers are also encouraged to integrate visual media such as AR to help students observe objects in detail and develop ideas more easily. Moreover, teachers should provide opportunities for collaborative discussion to strengthen students' critical thinking and confidence in writing.

3) For Students

Students are encouraged to participate actively in all worksheet activities, especially observation, discussion, vocabulary exploration, and writing practice. By using AR and completing inquiry-based tasks, students can improve their understanding of descriptive text structure, learn new vocabulary through context, and apply correct grammar in writing. Students should also use the reflection and self-assessment section to evaluate their writing and identify areas for improvement in order to develop better descriptive writing skills.