

CHAPTER V

CONCLUSION AND SUGGESTIONS

5.1. Conclusion

This research and development has resulted in a product: a smartphone-based learning tool for teaching tenses. It utilizes the Articulate Storyline 3 application and is designed for X-grade students at Taruna Indonesia Jambi Vocational High School. The conclusion of this developmental research is as follows:

- a. The researcher employed the ADDIE development procedure, which consists of five steps: Analysis, Design, Development, Implementation, and Evaluation. The use of this model makes the application development more systematically structured. Based on the result, The first step was analysis stage, the curriculum and the students' learning needs in the learning media are examined. The results of the needs analysis revealed that the majority of students at SMK Taruna Indonesia Jambi have been using smartphones for over six years, and the school has prepared facilities to support smartphone-based learning and learning applications. Additionally, these findings are based on the results of the target needs analysis. Sedangkan untuk learning needs, the students prefer a learning medium application with use pictures, definition, example, exercise in the application and also the students want an interesting theme, colourful background, bright colours, attractive graphics, and interesting theme.
- b. The researcher obtained data from the needs analysis, then proceeded to design the material. The researcher required both material and medium experts to provide ratings for the application. Based on the instructional medium design, the designed smartphone-based tenses application using Articulate Storyline 3 was found to be efficiently usable by users. This was evidenced by the testing scores given by the medium expert, which received a score of 90%, categorizing it as "very good". Similarly, for the material within the

application, the testing scores given by the material expert resulted in a score of 86%, also falling into the "very good" category.

- c. For development this product, the researcher did some revisions from media and material expert. The researcher also did small and large group trial. This outcome indicates that the smartphone-based tenses application using Articulate Storyline 3 can be utilized as a learning tool for students in class X of Taruna Indonesia Jambi Vocational High School. Additionally, this teaching material can be implemented both in classroom settings and for self-learning with guidance from teachers.
- d. The next was implementation, the implementation dilakukan oleh small group and large group trial. Based on the students' feedback, they respond positively to the development application. This application comprehensively covers the four English tenses (Simple Present Tense, Simple Past Tense, Present Continuous Tense, and Present Perfect Tense). The students find this application interesting and enjoyable, especially for learning English tenses. It can be concluded that the tense learning media falls into the category of "Very good." It can be inferred that the application possesses good quality, simplicity, and ease of understanding.
- e. The last was evaluation, After the learning media was implemented, an evaluation of the developed learning media was conducted. This evaluation involved administering a questionnaire to users, namely the 10th-grade students of SMK Taruna Indonesia Jambi. The aspects assessed in the questionnaire included the quality of appearance, material, ease of use, and the usefulness of the application for smartphone-based tenses learning media. The questionnaire consisted of 24 questions with four answer choices.

5.2. Suggestions

Based on the conclusion above, the following suggestions are made.

1. This product accommodates only three English tenses (Simple Present tense, Past Tense, and Present Continuous Tense). It is suggested that further developmental research should expand to include more English tenses. Additionally, this application is intended for vocational high school (SMK) students who are studying general English in the Merdeka curriculum.
2. It is suggested to develop learning media tenses that are relevant to the specific majors of study in vocational high schools. This application only provides detailed explanations of the material; there are no video and audio explanations due to their heavy file sizes. Hence, for further development, it is suggested to enhance the application by incorporating audio and video features to aid in explaining the tenses effectively.
3. The application is currently accessible only via a link. Therefore, it is recommended that other researchers interested in developing similar applications should consider publishing them on platforms like the Play Store. This would enable the application to be downloaded by a wider audience, serving as a valuable learning resource for many users.

5.3. Dissemination

The learning media product for tenses, developed using Articulate Storyline 3, can be used in all classes at the relevant school or even in all vocational high schools (SMK). However, the distribution of the developed product must consider and account for the characteristics and needs of the students to ensure its effective use.

The dissemination of the product is conducted after the learning media has been deemed feasible. At this stage, the product is introduced to teachers and students who will use this media in their learning process. Additionally, instructions are provided to both teachers and students on how to use the media to facilitate students' understanding of each step.

Researchers acknowledge that the product still has many areas that need improvement, the learning media has several advantages, namely:

- 1) The tenses material in this product is complete covering definitions, formulas, and exercises.
- 2) This product can be accessed by students anytime and anywhere, whether online or offline.
- 3) The questions presented are aligned with the content of the material.
- 4) The development of this product has undergone validation by expert validators, specifically English language professors from the University of Jambi.

In addition this product also has some weaknesses:

- 1) It requires a smartphone, computer, or laptop to access the learning media link.
- 2) The product cannot yet be downloaded from the Play Store.