

Exploration of Attractive Learning Media: DeBuTon Sounding Book

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Abstract

This article discusses the development of a learning media titled "DeBuTon Sounding Book" designed to support the learning of German at A1 level. Learning media has a crucial role in creating an attractive and fun learning environment. The development of "DeBuTon Sounding Book" is in accordance with technological advances and serves as a tool in achieving educational goals. The purpose of this research involves a description of the use of "DeBuTon Sounding Book" as well as an understanding of student responses to the media. The research method used the ADDIE model which involves the stages of analysis, design, development, implementation, and evaluation. Through the analysis and evaluation stages, this article provides an overview of the development of "DeBuTon Sounding Book" learning media to support the learning of German language at A1 level. Overall, this article aims to contribute to improving the quality of German language learning at the high school level as well as proposing ideas for developing more attractive learning media according to students' needs.

Keywords: *Learning media, attractive, German.*

Introduction

Indonesia and Germany have significant cooperation in education. According to the Goethe Institut Indonesia website, Germany has 29 partner schools throughout Indonesia. The presence of partner schools (PASCH) provide facilities for students to learn German and culture and even have the opportunity to attend *Sommerkurs* or summer training in Germany for approximately two weeks for free. Germany also offers scholarships to continue higher education with easily attainable requirements.

Since 2014, 16 German states have waived tuition fees for undergraduate programs at all of their universities. This demonstrates the countries' shared commitment to improving the quality of education through initiatives that support knowledge exchange and skills development. The benefits offered by cooperation in education should be taken into account, especially by Indonesian teachers who teach German in PASCH schools. We must make the most of this golden opportunity. One of the efforts that teachers can make is to become a facilitator for students to learn German.

One strategy that can be implemented in achieving learning objectives and facilitating the German learning process is to present attractive learning media for students. This statement is in line with the opinion of Nurrita (2018) that learning media as a supporting tool in the teaching and learning process, aims to make the message conveyed clearer and the learning objectives achievable by students. According to Supriyono (2018), the role of learning media in addition to arousing students' interest and motivation to learn, learning media

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must also provide meaningful experiences for students. Therefore, the learning media created must be able to make students feel a meaningful learning experience. In learning German, according to the *Gemeinsamer Europäischer Referenzrahmen* (GER) there are four skills that are learned, namely, listening (*hören*), speaking (*sprechen*), reading (*lesen*), and writing (*schreiben*). The development of these four language skills requires innovation and diverse approaches from each teacher.

Exploration of "DeBuTon Sounding Book" as an attractive learning media is expected to give a clear perspective for teachers in creating a substantial and also fun learning environment. "DeBuTon Sounding Book" as an attractive learning media, is made in the form of illustration books containing a lot of German vocabulary and grammar rules with the series modules "*Kennenlernen*", "*Begrüßung*", and "*Familie*". Within it, there is a feature that allows students to listen to the pronunciation of vocabulary or grammar that is being studied. According to Tarigan (2018), listening involves active and attentive listening activities, with the purpose of understanding the conveyed meaning. This aligns with the purpose of making "DeBuTon Sounding Book" as a learning media that is able to invite students to explore their learning experience to understand the material, not only reading but students can also take advantage of features to hear the vocabulary being studied.

Another advantage of this media lies in its systematic approach that utilizes repetition in the learning presentation. This integrated repetition system is designed to help students strengthen their understanding of vocabulary and grammatical structures in German at A1 level. The utility of repetition of learning material is material retention. Repetition helps students to retain information in long-term memory according to Musdalifah (2020). By presenting learning materials repeatedly, "DeBuTon Sounding Book" allows students to more easily remember newly learned words, phrases, and grammar rules and allows students to explore details and nuances in learning materials, which can improve their understanding.

The vocabulary and grammar presented involve themes of the German at the A1 level. These themes include aspects of greeting, self-introduction and others, and family-related topics. Thus, it is hoped that the "DeBuTon Sounding Book" in the "*Kennenlernen*", "*Begrüßung*", and "*Familie*" series modules can be an attractive tool in supporting German learning at the A1 level, presenting relevant material and facilitating students to understand and practice pronunciation better.

In terms of repetition of words and grammar concepts, "DeBuTon Sounding Book" media focuses on mastering speaking (*sprechen*) and writing (*schreiben*) skills. Students get the opportunity to apply their knowledge in speaking and writing skills. Repetition allows students to be more confident and skillful in using the language they have learned. By designing an integrated repetition system, "DeBuTon Sounding Book" utilizes proven learning strategies to strengthen comprehension and retention of German learning materials at the A1 level. It can create a learning environment that supports students' step-by-step development in building their German skills. Research results (Aini & Caesaria, 2022) support student engagement in learning which is realized in providing opportunities to develop competencies through a combination of training, experience, discussion, and reflection.

Method

In the development of "DeBuTon Sounding Book", there are several main objectives that guide every stage of development. First, the learning media was created in an innovative and attractive way for students. The presentation of learning experiences that not only motivates students to continue learning, but also provides a fun and meaningful German learning experience.

"DeBuTon Sounding Book" also aims to provide an in-depth learning experience, especially in understanding German vocabulary and pronunciation at A1 level. By utilizing audio-based

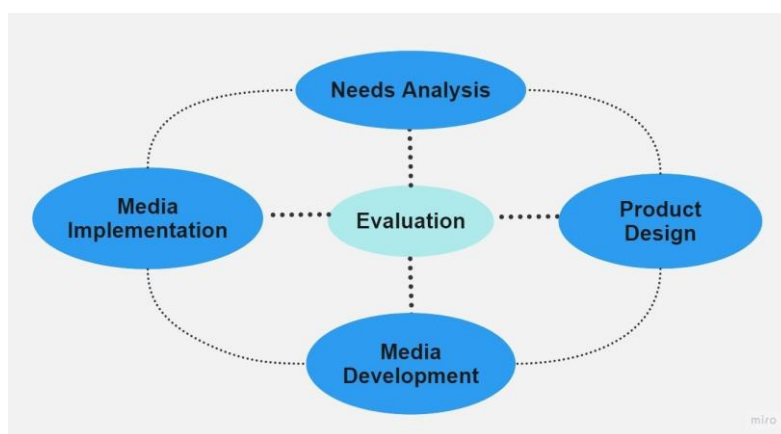
technology, users' comprehension and speaking and writing skills in German are enhanced. The inclusion of audio elements in learning media can provide an invaluable additional dimension, allowing students to better experience and internalize vocabulary. By bringing these objectives together, it is hoped that "DeBuTon Sounding Book" can become a learning media for A1 level students, making a significant contribution to the comprehensive development of their language skills. Its contribution is expected to be not only limited to the aspect of learning motivation, but also in developing language skills as a whole. Students' ability to respond to and use German will further improve through the use of carefully designed learning media.

It is important to note that the use of audio-based technology not only offers practical advantages, but also provides sensorial advantages in learning. Students can engage more deeply, feel the atmosphere of the language, and be actively involved in the learning process. This not only creates an attractive learning environment but also improves information retention and vocabulary acquisition.

Overall, "DeBuTon Sounding Book" is expected to be one of the media for learning German at A1 level. With a focus on innovation, attractiveness, and integration of audio technology, it is hoped that learning German will not only be an obligation, but also a meaningful experience and deep understanding for students. The goal is to form a solid foundation in the understanding and use of German, creating a strong foundation for further development of language skills.

Methods Used and Experimental Details

"DeBuTon Sounding Book" is a learning media that utilizes the integration of conventional books and audio technology. Data collection is the initial stage whose results will be integrated in the "DeBuTon Sounding Book" learning media, as well as literature studies from official sources, such as German dictionaries and German textbooks at the A1 level.



Picture 1. Chart of Research Methods

Needs Analysis Stage

At this stage, researchers observed the need for learning media that can support independent learning activities. In addition, this learning media can be used repeatedly to help facilitate learning that is not interesting but also provides experiences that can be explored by students so that the material learned can be understood and meaningful to students

Product Design Stage

In this step, the researcher determines the layout or design of the tool, especially in audio technology which will be the advantage of the product. The researcher set each page to contain no more than two vocabulary words and three phrases. This not only aims to make students more focused and learn gradually, but also to emphasize product animation.

The design of the tools on audio technology is designed in such a way that students can use the product easily and comfortably. It was adjusted to the number of vocabulary and phrases on each page. Researchers designed seamless audio technology so that there are no buttons in the product design.

Media Development Stage

1. Material Collection

The materials were collected based on the language proficiency level, in this case the A1 level. The materials collected include vocabulary, phrases, and redemittel, then thematically classified and divided into three series.

2. Compilation of Vocabulary in the Book

"DeBuTon Sounding Book" features illustration books with vocabulary and phrases. When the vocabulary or phrases in the book are pressed, it will produce audio pronunciation. Therefore, it is necessary to adjust the placement of vocabulary or phrases and illustration to match the audio technology found under the paper layer of the book.

3. Illustration Creation

The illustrations in "DeBuTon Sounding Book" need to be compiled and created based on personal ideas, not taking illustrations or designs from others.

4. Dubbing

"DeBuTon Sounding Book" offers learning media that can produce audio. Audio vocabulary and phrases are the result of dubbing with the help of native speakers.

5. Creation of Sounding Tool

"DeBuTon Sounding Book" is designed with technology, especially in the part of producing audio pronunciation of vocabulary, phrases, and *Redemittel* in it.

Media Implementation Stage

Implementation was carried out with six students in the form of a small trial to test the suitability of the material, the usefulness of the features, the sustainability of use, and the attractiveness of the visualization.

Evaluation Stage

After the media implementation stage in the form of a small trial, this learning media will receive some updates and improvements with consideration of the suggestions given by the research subjects, by the six students. Data for the research and development of "DeBuTon Sounding Book" media were obtained through observations and questionnaires. The statements in the questionnaire were prepared by referring to the criteria for the feasibility of learning media proposed by Walker and Hess, which includes aspects of content and purpose, instructional aspects, and technical aspects (Ningrum, 2016). This research produces qualitative data obtained from the questionnaire sheet, and comments and suggestions from the test subjects. This data was used to evaluate the feasibility of "DeBuTon Sounding Book" media as a supporting option for learning German with the themes "*Kennenlernen*", "*Begrüßung*", and "*Familie*".

Data was obtained through the results of a questionnaire. The purpose of this stage is to understand the needs and characteristics of students, as well as to identify key factors that need to be considered in the development of learning media. Meanwhile, at the development stage, data was obtained through the learning media trial, which included testing the effectiveness and user acceptance of the "DeBuTon Sounding Book". This process determines the feasibility and effectiveness of learning media in the context of learning German at the A1 level. With this stage, the research aims to produce learning media that is not only based on student needs, but also proven to help students recognize German vocabulary and pronunciation at the A1 level.

Technological Innovation

"DeBuTon Sounding Book" is an innovation in the learning media domain specifically designed to facilitate learning German vocabulary and grammar at A1 level with a more attractive and fun approach. This media features an attractive vocabulary book with an attractive visual presentation, while the integrated audio technology allows learners to listen and pronounce German words independently. The uniqueness of this learning media lies in its ability to allow learners to listen to the pronunciation of words by simply pressing the picture on the book, making it easier for students to learn and directly connect to everyday contexts. Thus, "DeBuTon Sounding Book" is not only a learning tool, but also creates a more involved and applicable learning atmosphere in understanding German at the basic level.

This learning tool is highly relevant, especially for high school students who are exploring German knowledge in their school environment. With its intuitive interface, students can improve their understanding of German vocabulary and pronunciation independently without having to rely on direct guidance. In addition, the last page of the book is equipped with a QR Code that directs learners to an evaluation quiz, allowing them to test their understanding after using this learning media.

Through the integration of visual and audio elements, "DeBuTon Sounding Book" is not only an attractive learning tool, but also increases students' motivation and engagement in the German learning process (Aini & Demara, 2023). This multimedia approach not only enriches students' learning experience but also facilitates deeper understanding through diverse stimuli. Thus, it can be expected that the use of this learning media will make a positive contribution to improving the quality of German learning at the senior high school level.

Discussion

The "DeBuTon Sounding Book" contributes significantly to the development of German skills, especially for learners at the A1 level. The results of data analysis highlight the advantages of this learning media, such as attractive animations, a variety of topics, and its attractiveness in practicing vocabulary pronunciation. The positive response to continued use shows that the learning media not only provides instant benefits, but can also be relied upon over a longer period of time to deepen understanding of German. Other strengths include the ease of use and ability to support self-sufficient learning, which is a plus and significant in the context of everyday life.

The importance of this learning media was further emphasized by the constructive feedback from the respondents, which provided valuable insights for further development. This ensures that the learning media remains relevant and able to meet students' needs. Therefore, it can be concluded that "DeBuTon Sounding Book" is not only an attractive learning media solution, but also a useful one, making a substantial positive contribution to everyday German learning.

Conclusion

"DeBuTon Sounding Book" which includes the "*Kennenlernen*", "*Begrüßung*" and "*Familie*" series, received positive responses from respondents in various aspects. Although some respondents consider the pronunciation of German vocabulary as a challenge, the majority of them feel that the learning media presented are adequate. Most respondents tended to choose to practice vocabulary self-sufficiently and flexibly. The level of difficulty of the content in the entire series was considered easy by the majority of respondents, with the animations rated as very attractive. The vocabulary is proven to help students with their pronunciation of German at A1 level, and the book is deemed suitable for repetitive use. Although some suggestions for improvement have been made, such as the addition of themes and examples of vocabulary usage in sentences, overall "DeBuTon Sounding Book" is considered an attractive learning resource for students at the A1 level of the German.

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