

**DESIGNING LISTENING DIGITAL BOOK FOR 2ND GRADE
JUNIOR HIGH SCHOOL****Siti Fatimatuzahroh^{1*}, Ulfa Wulan Agustina²**^{1,2} Pendidikan Bahasa Inggris, Universitas KH. A. Wahab HasbullahEmail: ulfa.wulangustina@unwaha.ac.id©2018 –JoEMS Universitas KH. A. Wahab Hasbullah Jombang ini adalah artikel dengan akses terbuka dibawah lisensi CC BY-NC-4.0 (<https://creativecommons.org/licenses/by-nc/4.0/>).**ABSTRACT**

This study aims to design a Learning Media 'Listening Digital Book' which focuses on 2nd Grade Junior High School students in learning English at Mts Al-Islam Genengan. The type of research used is Research and Development (R&D) using the ADDIE model (Analysis, Design, Development, Implementation, Evaluation). This media has been validated by 2 experts before being tested on students, there are material experts and media experts. The researcher collect data using a questionnaire that given to students. The implementation results obtained were 96.2% in the "very good" category. Based on the result of this research, it can be conclude that "Listening Digital Book" is suitable for helping the learning of 2nd grade Mts Al-Islam Genengan, Mojokerto.

Keywords: *Listening; Digital Book., Grade High School.*

ABSTRAK

Penelitian ini bertujuan untuk merancang Media Pembelajaran 'Listening Digital Book' yang berfokus pada siswa kelas 2Mts dalam pembelajaran bahasa Inggris di Mts Al-Islam Genengan. Jenis penelitian yang digunakan adalah Research and Development (R&D) dengan menggunakan model ADDIE (Analysis, Design, Development, Implementation, Evaluation). Media ini telah divalidasi oleh 2 orang ahli sebelum diujicobakan pada siswa, yaitu ahli materi dan ahli media. Peneliti mengumpulkan data dengan menggunakan angket yang diberikan kepada siswa. Hasil implementasi yang diperoleh adalah 96,2% dengan kategori "sangat baik". Berdasarkan hasil penelitian dapat disimpulkan bahwa "Listening Digital Book" cocok untuk membantu pembelajaran siswa kelas 2 Mts Al-Islam Genengan, Mojokerto.

Kata Kunci: *Listening; Digital Book, Sekolah Menengah Atas.*

INTRODUCTION

Language education is one of the important things that must be considered. The main function of language is as a means of communication between humans. A language is an intermediary tool between members of the society in a group and tools of interaction individually or in groups. In short, language is a means of communication (Rabiah, 2018).

However, there are many problems that arise in the learning of foreign languages, especially English. The students have difficulty memorizing new words, incorrect use of grammar, incorrect pronunciation, and others.

The Researcher designed "Listening Digital Book" that is a typical book as in this digital era. This digital book can be used on computer and smartphone as a tool to dynamically and succinctly display images, text, sound, graphics, and videos. At least, that's what digital books are they need which easier for students to learn English independently or in class with the teacher. Based on the above exposure the researcher designed a learning medium to overcome problems that occur in the field by conducting a study with the title - Designing Listening Digital Book for 2nd Grade Junior High School.

METHOD

MTs Al-Islam, academic year 2020/2021, located at Jl. Raya Brongkol Mojokerto was deliberately chosen as the research setting, especially for class VIII. The population were 16 students and the sample were 10 students of grade VIII.

In this research, the researcher used a Research and Development (as cited in Febriatun, 2016). This method aims to design a Listening Digital Book that is suitable for helping students practice developing listening skills at MTs Al-Islam Genengan, Mojokerto. The research method used in this study refers to the R&D with ADDIE consisting of five stages, that is Analysis, Design, Development, Implementation and Evaluation because this Research and Development model is more rational and more complete than other models according to product development measures.

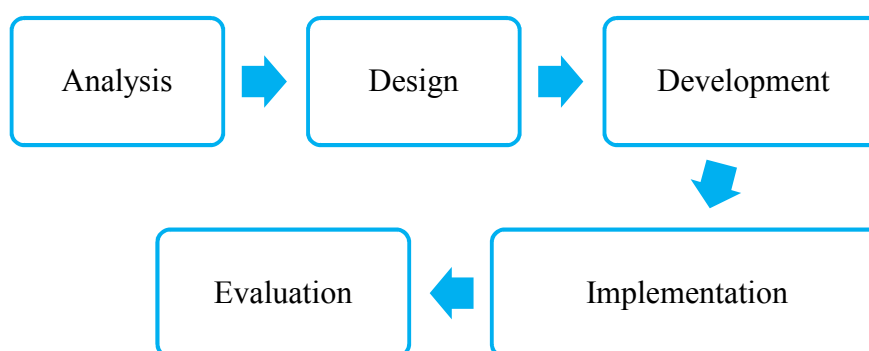


Figure 1. R&D Procedure of ADDIE Theory

1. Analysis

At this stage, the researcher conducted a needs analysis to find out the needs and difficulties of students. The need analysis was conducted by interviewing English teachers. The researcher also make a questionnaire which was distributed to students to find out the needs and difficulties of students. The data collected will be analyzed with the aim of finding the average score, so that researchers can design products that will be given to students.

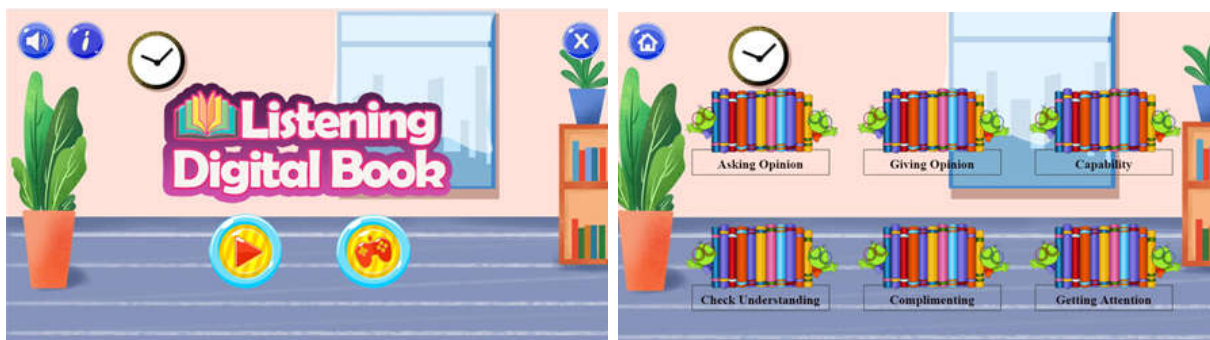
2. Design

The researcher designed the Listening Digital Book based on data from English teacher interviews and questionnaire given to students. Media materials based on the books of class VIII students, such as Asking Opinion, Giving Opinion, Capability, Check Understanding, Complimenting, and Giving Attention.

3. Development

In this step, before the researcher designs Listening Digital Book, the researcher develops two things, these are media development according to media experts and material development according to material experts. The first is material validation. Digital Book materials and quizzes are focused on learning English grammar. The validator is Ms. Intan Khoiruddin S.Pd. English teacher at MTs Nurul Qur'an Ploso.

No	Material Validation Aspect	Score
1	Learning	20
2	The substance of the material	18
3	Suitability of the presentation with the demand of student learning center	14
	Total Score	52



4. Implementation

At this stage the design and methods that have been developed are implemented in a real situation that is in the classroom. The researcher used rating scale to get the score from the product data of students who had been tried the Listening Digital Book, as follows :

$$p = \frac{\text{score data collection}}{\text{ideal score}} \times 100 \%$$

Description

p = percentage

Ideal score = highest score x number of respondents x number of questionnaire.

Table 1. Formula of Rating Scale

Percentage Score	Category
0 – 20	Very Low
21 – 40	Low
41 – 60	Enough
61 – 80	Good
81 – 100	Very Good

5. Evaluation

At this stage implemented designs and methods that have been developed in real situations namely in the classroom.

RESULT AND DISCUSSION

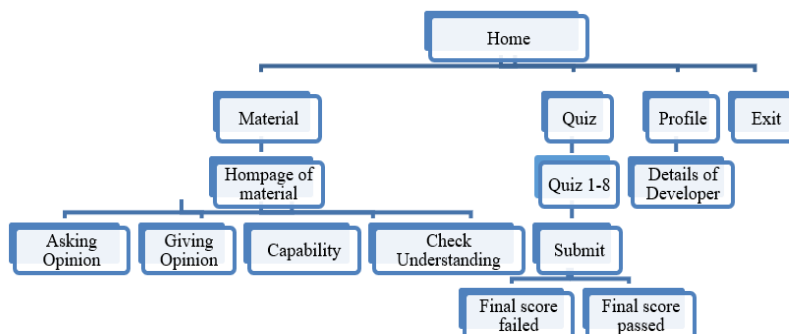
Result

1. The Result of Analysis

Based on the observation that was done to English Learner ofMTs Al-Islam Genengan, Mojokerto. The need analysis was done by questionnaire. From the questionnaires that have been conducted, the researchers got 10 respondents who answered the questionnaire.

2. The Result of Design

Based on the data collected, it was found that the material in Listening Digital Book was appropriate and easy to understand for 2ndGrade Junior High School. The reason for this result is because the researcher conducted a needs analysis before making teaching materials. This is the Storyboard of Listening Digital Book



3. The Result of Development

In developing the Listening Digital Book, the researcher validated materials and media with the experts. The material validator is Mrs. Intan Khoiruddin S.Pd as English teacher at MTs Nurul Qur'an Ploso. The media validator is Verawati, S.Kom. Principal of MTs Al-Islam Genengan, Mojokerto. The result material and media validation are as follow:

Tabel 2. Material Validation

No	Material Validation Aspect	Score
1	Learning	20
2	The substance of the material	18
3	Suitability of student learning center presented	14
	Total Score	52

Tabel 3. Media Validation

No	Material Validation Aspect	Score
1	General	19
2	Software Engineering	15
3	Visual Communication	43
	Total Score	77

4. The Result of Implementation

The results of the implementation are in the form of an assessment of student work and suggestions for Digital Book media. Questionnaires have been given to 10 students of class VIII at MTs Al-Islam Genengan. The result is as follows:

No	Material Validation Aspect	Score
1	General Aspect	98
2	Appearance Aspect	242
3	Material Aspect	141
	Total Score	481

5. Evaluation

The advantages of using Listening Digital Book of learning media as a goal of this evaluation that

can be used as reference to other researcher in media or material in future. Based on the result of implementation phase, it can be conclude that Listening Digital Book is suitable for students 2nd Grade MTs Al-Islam in learning English.

Discussion

Based the result of material validation, the researcher processed it by Likert scale calculation as follows:

$$p = \frac{\text{score data collection}}{\text{ideal score}} \times 100 \%$$

$$\text{Percentage} = 52/55 \times 100\% = 94,5 \%$$

$$\text{Ideal Score} = 5 \times 11 \text{ (items)} = 55$$

Based on the calculation for result of material validation, the researcher got 94,5% which is categorized in "very good" category. It means that the materials on Listening Digital Book product is deserved to be provided in the product. In calculating the result, the researcher processed it by Likert scale calculation as follow:

$$p = \frac{\text{score data collection}}{\text{ideal score}} \times 100 \%$$

$$\text{Ideal Score} = 5 \times 16 \text{ (items)} = 80$$

$$\text{Percentage} = 77/80 \times 100\% = 96,2 \%$$

Based on the calculation of the media validation results obtained 96,2% which are included in the "very good" category. This means that the Interactive English Book is feasible to use.

CONCLUSION AND SUGGESTION

Conclusion

In this study, the researcher designed an Digital Book. This study designed a digital listening book that is used to support junior high school students in learning English. Based on the results of research and development, it can be concluded that the listening digital book designed is very suitable to be used for learning English for students at the junior high school level.

Suggestion

From the conclusion, the researcher would like to give suggestion as follows:

1. For the Students
 - a) The student of advance learner can Listening Digital Book.
 - b) Listening Digital Book can make the student feel enjoy to learn in their own smartphone.
2. For the Teacher
 - a) The teachers can use Listening Digital Book as a reference in giving their students material and exercise.
3. For other Researchers
 - a) Listening Digital Book can be a reference to develop a new product in English Learning.
 - b) Other researchers can develop intens book to be better.

REFERENCES

- Iswati, L. (2019). Developing Addie Model-Based Esp Coursebook. *Indonesian EFL Journal*, 5(2), 103. <https://doi.org/10.25134/iefjlj.v5i2.1804>
- Mulyatiningsih, E. (n.d.). *Pengembangan Model Pembelajaran*.
- Nunan, D., Terrell, T. D., & Brown, H. D. (2003). When ordering this title , use ISBN 007-123462-4. In *Language* (Vol. 57, Issue 3).
- Rabiah, S. (2018). *Language as a Tool for Communication and Cultural Reality Discloser*. 1–11. <https://doi.org/10.31227/osf.io/nw94m>
- Rahmawati, N. D. (2016). *Designing a set of supplementary listening materials using gamification in the intermediate listening class*. 138.
- Sari, A. S. (2016). The Development of Digital Book through Sigil Application in Cookies dan Candys Lessons. *Jurnal Science Tech*, 1(2), 46–54. <http://www.jurnal.ustjogja.ac.id/index.php/>

sciencetech/article/view/1226/412

Tyagi, B. (2013). Listening: an important skill and its various aspects. *The Criterion: An International Journal in English*, 12, 1–8. www.the-criterion.com

Ulum, O. G. (2015). International Journal of Humanities Social Sciences and Education (IJHSSE) Listening: The Ignored Skill in EFL Context. *International Journal of Humanities Social Sciences and Education*, 2(5), 72–80. www.arcjournals.org