

Developing *INTENS* (Interactive English) Book For Advance Learners

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Abstract

The purpose of this research is developing English learning media called INTENS (Interactive English) for advance learners. This media consist of some materials which is appropriate to be studied for all English advance learners. The research method used is Research and Development. This development used Borg and Gall theory which have several steps, those are; 1) Research and Information Collection, 2) Planning, 3) Develop Preliminary Form of Product, 4) Preliminary Field Testing, 5) Main Product Revision, 6) Main Field Testing 7) Final Product Revision 8) Dissemination and Implementation. The media validation result got 95 score it was in "very good" category, and the material validation got 92 score it was in "very good" category. Subject of this research was students of MA Al Bairuny Jombang. The students's responses of try out result 85 was in "good category". It can be concluded that INTENS (Interactive English) is feasible to be used as a learning media for English advance learners.

Key words: *INTENS book, english skill, advance learners*

INTRODUCTION

Language is the most important thing for communication. English Language is one of the international languages that used as tool of communication around the world. In Indonesia English language also become the required lesson that given since Elementary School. It is caused English language is one of the difficult lesson according to a lot of student. They feel that English language is not their mother tongue, so that they are not feel interested in English lesson. Besides the lack of interest of the student, the teacher ability for applying method or strategi and the lack of teaching material also become the obstacles for learning English lesson.

One of the most important in teaching material is a book. Book it used to control in teaching and learning, and it used for valuable thing to guide the student learning English language. Hutchinson dan Waters (1987) said that book is the vital for learning material. It encourages the student to learn and it can also direct the student to organize the studying process. It means if the book cannot help the student for understanding material, the student will get minimal understanding in learning English Language.

Studying English is the important thing that should we get to prepare our self for front the 5.0 digital era. That all of things completely become digital. It is of course because the impact of globalization. So that studying English is important to understand the international language that will make us easy to front the digital era in the future. In studying English there are many parts that have we mastered such us writing, reading, speaking and listening.

A fact about the existence of Information and Technology Communication (ICT) in Education evolve rapidly. In this era, all operators, teachers, or although the students are using ICT for their education activity. They have to understand about the evolve of technology, so

that they will get more innovation in teaching and learning activity. For increasing student interest in learning English, the author integrate a textbook and Technology that used for an instrument for learning activity. Interactive digital book is a media that collaborates a textbook material with some of media such as video, audio and simulation based multimedia. (Mawarni Sella and Ali muhtadi, 2017) said that digital book is flexible learning device that can be used individually or together. It can increase student perseverance and curiosity. Digital book is one of the student need in learning activity, it caused they will more practical to learn English on their smart gadget. Digital book include all the material for advance learner and completed with interactive video and audio that can help the student for understanding the material. Student interest is one of the trigger in successful learning.

RESEARCH METHOD

Research Design

The type of this research is Research and Development (R&D). Borg and Gall (1983) explain Research and Development or Educational Research and Development as “a process used to develop and validate educational products”. Educational product to be developed in this research is an interactive English digital book for advance learners.

Research Procedure

Borg and Gall (1983) as cited in Wardhani (2017) stated 10 procedures of R&D: 1) Research and Information Collecting, 2) Planning, 3) Develop Preliminary Form of Product, 4) Preliminary Field Testing, 5) Main Product Revision, 6) Main Field Testing, 7) Operational Product Revision, 8) Operational Field Testing, 9) Final Product Revision, and 10) Dissemination and Implementation.

In research and information collecting, there are two things to do: 1) literature study and 2) field study. Literature study is the step to find the concept of the product. Submit the theory that used to strengthen the product, while field study is need analysis that have done by the researcher by giving questionnaire to know the student’s need, what is the problem and how the solution of the problem is.

Planning

In this step, the researcher planned to develop the product. The planning of the product is about the function of the product, the benefit of the product and design of the product. This planning step is to make sure that the product is really needed by advance English learner.

Develop Preliminary Form of Product

In Develop Preliminary Form of Product, the researcher started to make a concept of the product and the features of the product. It begun by knowing student’s need and started to make a material appropriate with the material of advance learner.

After getting the concept of the product, the researcher broken down the material and complete the features of the product. In this step, the researcher made a validation from the Material expert and Media expert. The validation is not enough with an observation. The product has to be validated by the expert that capable with the field. The two experts that

referred were:

1. Material Expert

Material Expert is an expert who validates the material of the product. The material of the product is about advance learner with 4 skills. The expert was chosen from who master in learning English. The material expert of this product was one of the teachers at senior high level.

2. Media Expert

The media validator is someone who expert in information and technology (IT). The media expert will validate the technology of the product and the effectiveness of the product. The media expert of this product was one of the lecturer at Information and Technology faculty at UNWAHA university.

Preliminary Field Testing

After passing the validation by the expert, the researcher came to the next step to Preliminary Field Testing. In this Preliminary Field Testing, the researcher did a try out in small scope to check the product that has been developed. The advance learners that have done the field testing consist of 7-10 students. The data collecting was by giving questionnaire and interview to know how is the product gone to the student.

Main Product Revision

After the validation and try out the product, the researcher known the deficiency of the product, and in this step, the researcher made a revision of the product. The researcher had known the product deficiency from the expert that validates the product. The revisions include the material and product design. All the revision was revised in this step.

Main Field Testing

In this step, the target of Main Field Testing is the advance learners that consist of the student of tenth, eleventh and twelfth students' level. The main field testing has done in Islamic Senior High Shool of Bairuny. This step is important to make sure that the product is proper for advance learners. While done the Main Field Testing, the researcher also wrote the important notes to make the product perfect.

Operational Product Revision

After done the main field testing, the researcher found the imperfection. In this step, the researcher done some revisions that needed to make the product better than before and more complete in all side.

Operational Field Testing

In this step, after the researcher done field testing and validation, the researcher tried out the product to other classes to add the respondent more. The function of this step is to check how effective the product is used by advance learners in all institution.

Final Product Revision

This step is the final product revision; this is the last revision before the application launch. In this step, the researcher made sure if the product is perfect enough for used by advance learners.

Dissemination and Implementation

In this step is the last step, dissemination and Implementation is spread the product to the advance learners and some schools especially in English education field. The main point of this step is socialization through seminar or other events.

RESULTS AND DISCUSSION

Based on the observation that was done to English Advance Learner of MA AL Bairuny Jombang, the researcher collected the information of need analysis. The need analysis was done by questionnaire and interview.

1. Questionnaire

The questionnaire contained some questions that should be answered by the learners. The questionnaire was not only shared in one class, but also the other class of Advance Learners. The questionnaire made was based on some aspects below: From the questionnaire that has been done, the researcher got 15 respondents who responded the questionnaire.

No.	Need analysis Aspect	Score
1	Attractiveness learning	282
2	Supporting equipment	352
3	Developing Media	150
	Total Score	784

In calculating the result, the researcher processed it by Likert scale calculation as follow:

$$\text{Max Score} = 5 \times 11(\text{items}) \times 15 \text{ students} = 821$$

$$\frac{784}{821} \times 100\% = 95\%$$

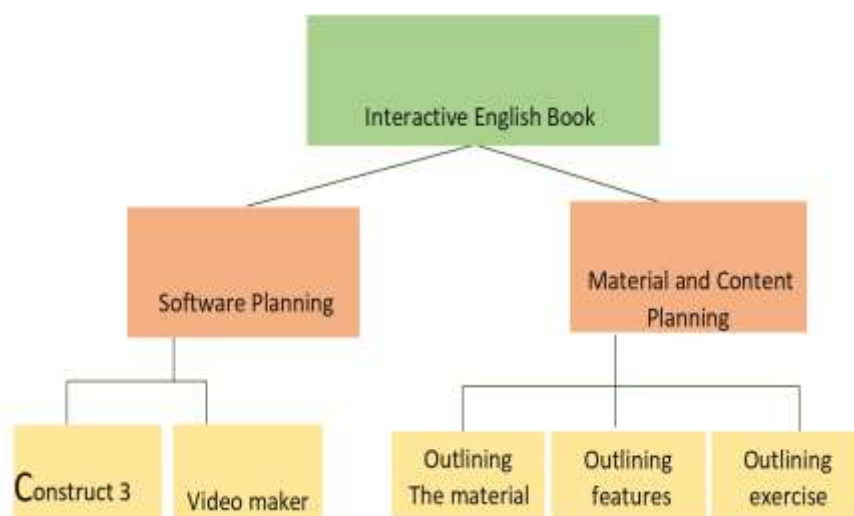
From the result, we can conclude that 95% students need a supporting interesting instrument to learn about English lesson.

2. Interview

Interview was done to some students of MA AL Bairuny Jombang. The researcher interviewed 5 students of advance learner to know their need in English learning. It was done to make sure that the students really need supporting material to increase their interest in learning English.

The Result of Planning

In planning the product, the researcher made a concept appropriate with need analysis in previous step. After that the researcher planned the software that used to create the product. The planning concept of the product was described in concept maps below.



The Result of Developing Preliminary Form of the Product

In Preliminary form of the product, the researcher started to design the product. The researcher started to arrange the material, exercise and others features for completing the product.

After designing and finishing the content, the researcher had done a validation to the expert to check the product. There are two kinds of validator, they are material expert and media expert. Material expert validated the material and exercise. Media expert validated the features and the completeness of media.

The Result of Material Validation

In validation step, the researcher discussed the material for advance learner with Mr. Anang soleman, S.Pd. he is an English teacher in MA AL Bairuny Jombang.. The result material validation written by the researcher in validation sheet.

No	Media Validation Aspect	Score
1	General	15
2	software engineering	39
3	Visual communication	41
	Total Score	95

In calculating the result, the researcher processed it by Likert scale calculation as follow:

$$\text{Max Score} = 5 \times 20 \text{ (items)} = 100$$

$$\frac{95}{100} \times 100\% = 95\%$$

Based on the calculation for the result of media validation, the researcher got 95 % which is categorized in “very good” category. It means that Interactive English Book is deserved to be used.

After the researcher conducted the media validation, there were some revisions and suggestions from the validator, they are:

1. Adjustment the visual and graphics with the target
2. Make the material and question more dynamic

The Result of Preliminary Field Testing

In preliminary field testing, the researcher tried out the product to 7 students. The researcher did the try out offline. The researcher also interviewed the student to give the suggestion of Interactive English Book. After tried out the product, the researcher gave a questionnaire to rate the product. The questionnaire was given in paper and the students have

No	Aspects	Score (7 students)
1.	General Aspect	130
2.	Appearance Aspect	132
3.	Material Aspect	132
	Total Score	364

to give the score in each aspect. The recapitulation of the questionnaire was explained as follows:

In calculating the result, the researcher processed it by Likert scale calculation as follow:

$$\text{Max Score} = 5 \times 12(\text{items}) \times 7 \text{ students} = 420$$

$$\text{pppppppppppppppppppp} = 364/420 \times 100\% = 87\%$$

Based on the calculation for result of preliminary field testing, the researcher got which is categorized in “very good” category, but there were still some suggestions from the students such as:

1. In material part, the written was to small and have to add zoom
2. Add the variation of questions

The Result of Main Product Revision

In main product revision, the researcher got some suggestions from the students about the product, who had tested the product in the previous step. The result of the students’ suggestion is the researcher should add writing zoom and add the variation of the questions.

The Result of Main Field Testing

In main field testing, the researcher did the try-out to 15 students for the second time. The researcher did the field testing offline by questionnaire. The result of the questionnaire was recapitulated by the researcher below.

No	Aspects	Description	Score (15 students)
1.	General Aspect	1. Intens Book is unique, creative and interesting	70
		2. Intens Book material and exercise provided are communicative, and understandable	73
		3. Intens Book media is easy to use and easy to operate	73
		4. Intens Book has an advantage than other learning media	71
2.	Appearance Aspect	1. Image and appearance in Intens Book is clear	69
		2. Color choice on each slide is good and interesting	70
		3. Intens Book design relates to the material	70
		4. Interested in using Intens Book as a learning media	67
3.	Material Aspect	1. Material visualisation in Intens Book is simple and understandable	72
		2. Material provided in Intens Book is comprehensive	70
		3. Explanation got in Intens Book is applicable in each exercise	71
		4. Exercise provided eases the users to understand the materials	70
		Total Score	846

In calculating the result, the researcher processed it by Likert scale calculation as follow:

$$\text{Max Score} = 5 \times 12(\text{items}) \times 15 \text{ students} = 900$$

$$\frac{846}{900} \times 100\% = 94\%$$

Based on the calculation for result of main field testing in Table 7, the researcher got 94% which is categorized in “very good” category. It means that Intens Book is available to help the student in learning English.

The Result of Operational Product Revision

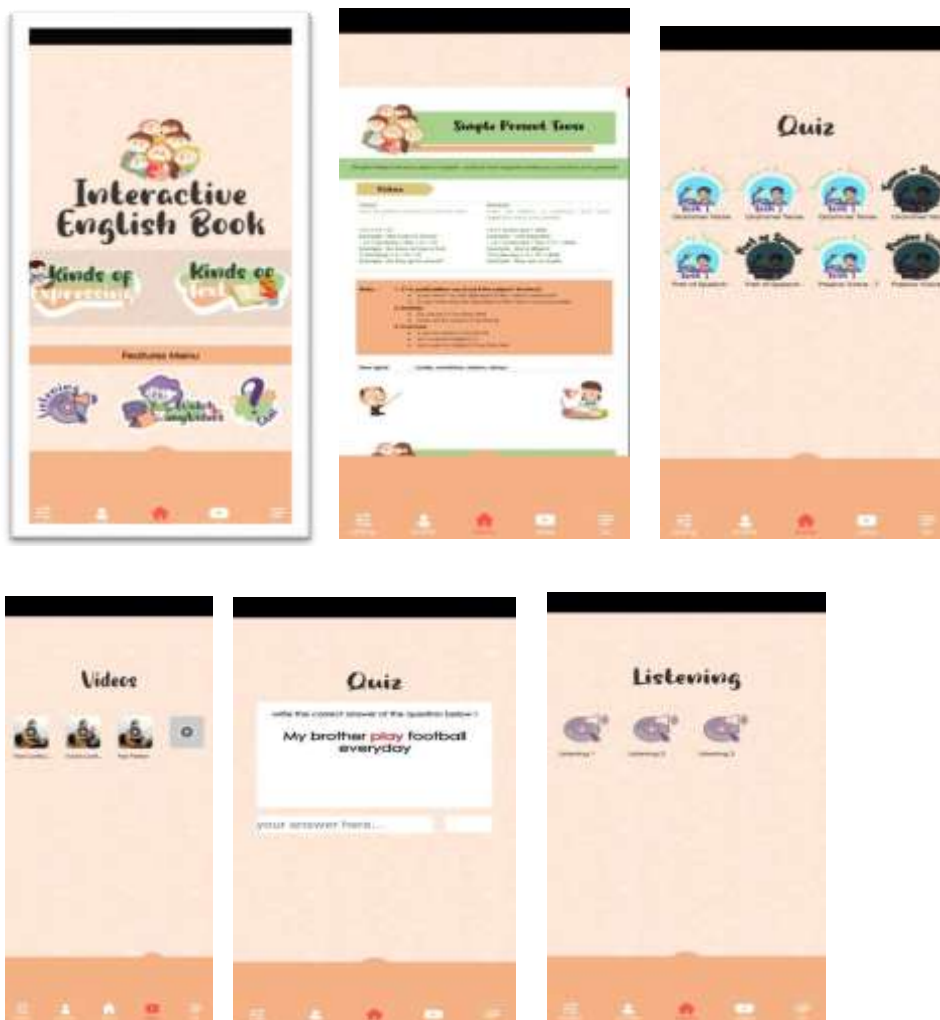
In this step the researcher did not do the operational product revision because the result of the product has been good and did not need more revision.

The Result of Operational Field Testing

This step also skipped by the researcher because in this step was the repetition of previous step.

The Result of Final Product Revision

In this step, the researcher has been done the product appropriate with the student need, validation from the expert and done some revision from the field testing. The product has been completed and ready to use.



The Result of Dissemination and Implementation

In this step, the researcher disseminated the product while conducting try out to English Advance students. They installed the product and try for learn English and done the exercises. This product also used by the teacher for learning media to increased the student needed in learning English. With the features that inside the product, the student can enjoy to learn English.

CONCLUSION

This research was aimed at developing Interactive English (Intens) book that can be used to support advance learners in learning English. The result of material validation got score 92% and the result of media validation was 95% which were in “very good” category. It meant that this product (Intens book) was worthy to use. By having those conclusions, this

research can give benefits for other people. For advance learner, they can use Intens book for supporting them in learning English while for the teachers can use Intens book as a reference in giving their students material and exercise. Furthermore, for other researchers, this Intens book can be a reference to develop a new product in English learning.

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