

CHAPTER III

RESEARCH METHOD

3.1 Developing the Material

The design of this study was development study. It was due to the study was designed to develop the English material which could be applied in real education. In the end of the study, the product would be in the form of multimedia (instructional listening material by using *CALL* especially Hot Potatoes). It is used as the media to improve the students listening exercise whether be used inside or outside the school. The material development is suitable for the 8th grade of junior high school in SMP Islam Mambaul Ulum Kebomas.

In developing the material, the researcher had to pass several steps. There were lots of instructional development models. One of them was ADDIE models, stand for Analysis, Design, Development, Implementation, and Evaluation.

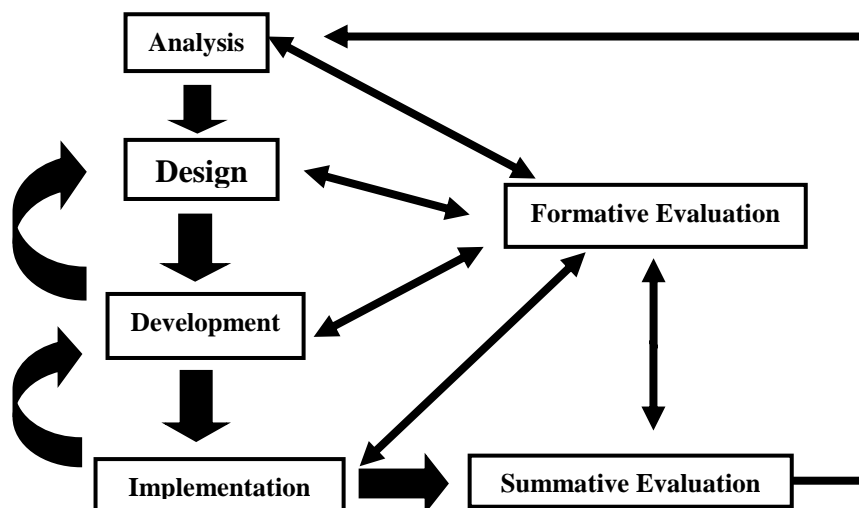
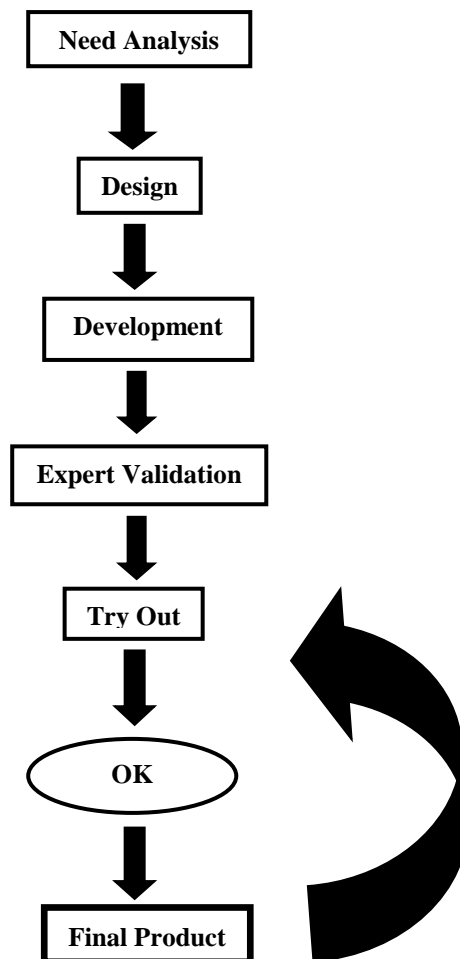


Figure 3.1 Steven J. McGriff's ADDIE Model 2004

From the previous step, the researcher moves to the next step adopted from Dian (2007) model. The researcher chooses that model because it needs to be validated by the experts to modify the model.



Modified ADDIE Model

3.2 Problem Identifications

The first step that accomplished by the researcher was finding out problem. In this step, the researcher interviewed one of the English teacher in SMP Islam Mambaul Ulum Kebomas. There were six questions asked to the teacher to find out the problem that she faced after the researcher displayed the listening product

by using *CALL* (Hot Potatoes), they were the question number 1, 2, 3, 4, 5, and 6 in the interview see in appendix 1.

3.3 Procedure of the Material Development

3.3.1 Analyze the Student's Needs

The needs analysis was important to identify some of the problem in teaching and learning process through interviewing the English teacher. At first, the researcher analyze the needs of the 8th grade students of SMP Islam Mambaul Ulum Kebomas. It was very important to recognize the needs of the student to obtain some information used in developing the material. The material had to be useful for the students in order for them to understand better. The researcher uses any resources including, syllabus, course books, and the previous lesson plan used by the teacher to help him/her to implement the method.

3.3.2 Design Instruction

After identifying the needs of the students in listening exercise, then the researcher proceeds to the next step by making the media using the Hot Potatoes software. The material which designed by the researcher are based on the students' needs, syllabus, and the course books. The researcher only focuses on creating the listening material which designed specifically to help the 8th grade students to understand well. Thus, they are able to use the material and develop it to other students. The material uses music, pictures and texts in order to make it more interesting for students.

3.3.3 Development of the Material

The researcher would develop the material in a form of hot potatoes (Kinds of CALL). This media would consist of several activities in listening material. First, the students will listen to some conversations, by the end of conversation the researcher will ask their understanding of each words from those conversation. Next, the researcher demonstrates on how to use the software and to answer the exercises to the students. The media requires LCD and headset/headphone to operate it and the listening material were also taken from the course books, the syllabus, and the lesson plan.

3.3.4 Expert Validation

After the course has been finished, it should be validated to the expert. Content validity is the relevance of the test content to the goal of the test.

The first function of expert validation is to check the similarity among the curriculum and syllabus. The first step is from the teacher who teaches English classes in 8th grade. The teacher will examine whether the syllabus, material, and the listening are suitable for the class. For instance, whether if the syllabus and material used on that day, thus also be discussed on that day too. The second is to correct the grammatical exercises, the shape one by one in the slides, the content of the image that is used, the sound, and the button layout. The third to check either the needs analysis and design instruction are same with the product or not.

3.3.5 Development of Validation

By the time the expert validation is accomplished, the researcher will see the score and comment or suggestion. He/she will try to find which component that should be revised or might be developed more. Then, the researcher would begin to revise or develop more.

3.3.6 Trying Out of the Material

There were some instruments which could be used in collecting the data, such as: using test, interview, questioner, observation, and etc. The exercise in listening is chosen by the researcher as the instrument of this study. This exercise will be in the form of Hot Potatoes (*CALL*). The students will use it to answer the listening exercise during the session. The purpose is to measure the ability of the student in understanding the material. The trial of this instrument will be applied in the 8th grade students of SMP Islam Mamabaul Ulum Kebomas that consist of 30 to 45 students.

3.3.7 Revision of Material

After having the trial, there would be any revision given by the experts in the form of suggestion. Thus, the listening material can be used as an alternative exercise for the 8th grade students of SMP Islam Mambaul Ulum Kebomas.

3.3.8 The Final Product of Material

The final step of developing the material is the product which has been passes all of the revision. The material uses the software, namely Hot Potatoes of *CALL* which based on the needs analysis, the syllabus, and the lesson plan.