CHAPTER III
RESEARCH METHOD

This chapter discusses the model of the development which identifies the research design use in this study. Besides, it is discuss the data, instrumentation, subject of the study, and research methodology.

A. The Data

In this study, that researcher took is qualitative data. Researcher chose qualitative data because the researcher wanted to describe students and teachers response to the students worksheet they want. Data collecting is very important in qualitative study. The data was use as the basis to questionnaire to the students and English teacher at MTs Raudhatul Jannah. It can be seen from the following table:

Table 3.1 Types of Data Will Be Collected And Instrument Will Be Used

<table>
<thead>
<tr>
<th>Data</th>
<th>Instrument</th>
<th>Subject/Respondent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Needs Assessment</td>
<td>Interview</td>
<td>English teacher of the eight grade of MTs Raudhatul Jannah Palangka Raya. Students of the eight grade MTs Raudhatul Jannah Palangka Raya</td>
</tr>
<tr>
<td>Expert Validation</td>
<td>Questionnaire</td>
<td>English teacher of the eight grade of MTs Raudhatul Jannah Palangka Raya. Students of the eighth grade MTs Raudhatul Jannah Palangka Raya</td>
</tr>
<tr>
<td>Try-out</td>
<td>Test</td>
<td>The students of eight grade MTs Raudhatul Jannah Palangka Raya.</td>
</tr>
<tr>
<td>---------</td>
<td>------</td>
<td>---------------------------------------------------------------</td>
</tr>
</tbody>
</table>

**B. Instrumentation**

In this study use some method in collecting qualitative data. It use research intrument such as questionnaire, interview and test to collect the data. The explanation is as follows:

Questionnaire reseacher chose questionnaire was to know students and teachers’ reaspone about reading student worksheet that include from some question. Questionnaire a written or is print list of questions to be answer by a number of people.\(^1\) It is give to the English teacher and the students.

Interview will be used to find out the needs of the eight grade students on the material which will be develop.

Test a set of stimuli presented to on individual in order to elicit responses on the basis of which a numerical score can be assigned.\(^2\)

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\(^1\) Mardiani, *Developing Reading Comprehension Students Worksheet At The First Semester Of SMPN-2 Palangka Raya*, Unpublish Thesis: Palangka Raya, P. 37.

C. Subject of The Study

The subjects in this study are the English teachers and eight grade students of Madrasah Tsanawiyah Raudhatul Jannah Palangka Raya. The researcher will choose the first semester on eight grade. It is done to use the time efficiently.

D. Research Methodology

This study also uses research and development. Nana Syaodih Sukmadinata says that research and development is a process or fortunately steps to develop a new product or improve an existing product that can be accounte for, the process of research and development shows a cycle that begins with the needs, problems that need solving by using a certain product.³

Research and development (R&D) is considered as the appropriate design to apply. The model of research and development was adapted to accomplish the finish product; that is model of reading worksheet for the eight grade students of Madrasah Tsanawiyah Raudhatul Jannah Palangka Raya. According Borg in Qomariah thesis, expert have introduc a wide variety of models in developing reading worksheet using the R&D. The models are principally the same in goal, but different in procedures, depending on such factors as educational system, condition of students and teachers, learning situation. The some stages are condisert to be applicable in developong reading worksheet for the eighth grade students of MTs Raudhatul Jannah Palangka

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Raya. These stages involve the following procedures as shown by the following figure:

The figure 3.1 procedure in Development

1. Need assessment

According to Graves in Suita, needs assessment involves finding out what the learners know and can do and what they need learn or do so that the course can bridge the gap (or some part of it). In an ideal situation, the material should reflect the students need to study english worksheet. Different type or students have different needs, and what they are taught should be restrict to what they need. The development of english worksheet in this study base on the result of need assesment. Systematic process to acquire an accurate, through picture of the strenghts and

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4Zaitun Qamariah, Developing English Instructional Materials Based on KTSP For The First Year Students of MAN Model Palangka Raya, Unpublish Thesis: University of Palangka Raya, 2010, P.39

5Ratna Suita, Developing English Instructional Materials for the First Year Beauty Skill Program Students of SMK 3 Malang, Malam: State University Malang, 2009, p. 37.
weaknesses of a school community that could be use in response to the academic needs of all students in improving students achievement and meeting challenging academic standards.\(^6\)

2. Reference Study

This enable to develop the qualifi expect and to selected the appropriate material that could be use in order to enrich the english teaching material to be develop.

3. Material development

Development process is the material development. In this stage, it has been study in the previous stage use as the basis to develop material. Development was an idea or problem situation can often be a starting point for the production of audiovisual material.

4. Expert Validation

In this stage, call validation was ussually call expert validation. It is because a person who was consider to be an expert in the material development give the evidence wheather or not the develop material has met the criteria of a good material which have been set for the purpose of this study.

5. Revision

In this study, the revision when the data collect during the expert validation indicate that the develop material did not meet the criteria set for the pupose of the study, and the data was collect from the try-out of the

\(^6\) Meredith, *need assessments*, (online) URL: http://www.dpi.state.nd/grants.need. html. (Accessed on June 14\(^{th}\) 2015)
revise material still indicate difficulties or problems experienced by the students in their effort to achieve the performance objectives stated in each unit of the material.7

Table 3.2 Research Schedules

<table>
<thead>
<tr>
<th>No</th>
<th>Activity</th>
<th>Time</th>
<th>Period</th>
<th>Room</th>
<th>Day/Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Observation to get some documentation</td>
<td>08.00-10.00</td>
<td>Teachers room</td>
<td>Wednesday, 10 June 2015</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Gathering Data</td>
<td>Thursday, 10-15 September 2015</td>
<td>Classroom</td>
<td>Thursday, 10-15 September 2015</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Analysis the Data</td>
<td>16 September 2015</td>
<td>-</td>
<td>16 September 2015</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Validation</td>
<td>22 September 2015</td>
<td>-</td>
<td>22 September 2015</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Revision</td>
<td>30-10 September 2015</td>
<td>-</td>
<td>30-10 September 2015</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Try out</td>
<td>Tuesday, 13 October 2015</td>
<td>Classroom</td>
<td>Tuesday, 13 October 2015</td>
<td></td>
</tr>
</tbody>
</table>

7Wahyu Sundayana, material development, (online) URL: http://file.upi.edu/direktori/fpbs/jur.pend.bahasa inggris/Wahyu-sundayana/esp-material-development/topic-definition and scope of mat-dev (access on June 13th 2015)