

CHAPTER III

RESEARCH METHODOLOGY

a. Research Methods

This chapter deals with the procedures for conducting the study. It covers Research design, research subjects, data collection technique and instrument, and data analysis procedure.

b. Research Design

The design of this study is descriptive quantitative. In this research the researcher using descriptive method to describe the phenomenon in the research and using quantitative approach method to analyze the data. Since the purpose of this study is to get information about the use of *ProProfs* online Computer-based assessment software as an assessment tool. The research use descriptive to describe and interprets what it is. It is primarily concerned with the present although it often consider past event and influence as they relate to the current condition¹ that statement support the research purpose to get information about the use of *ProProfs* online Computer-based Assessment software as an assessment tool.

¹JohnW Best & J jamesv.Kahn, (2006), *Research in Education*, Pearson new international edition p. 118

a) Table instrument

Characteristics of a Good Assessment Program.⁴**Table 3.1****Table instrument about Characteristics of a Good Assessment Program**

No	Characteristics	Indicator	item
1	Asks important questions	accurately measure what student have learned/taught	1
2	Reflects institutional mission	Mid-term Exam Directions	2
3	Reflects programmatic goals and objectives for learning	Improves student's score	3
4	Contains a thoughtful approach to assessment planning	CBA is better than paper-based assessment	4
5	Is linked to decision making about the curriculum	Conductive environment	5
6	Is linked to processes such as planning and budgeting	User friendly	6, 7
7	Encourages involvement of individuals from on and off	Positive or Negative experience	8, 9

⁴Catherine A. Palomba and Trudy W. Banta, *Assessment Essentials: Planning, Implementing, and Improving Assessment in Higher Education*, (San Francisco, CA: Jossey-Bass, 1999), 16.

