Research Abstract

Creating database for measuring instruments

in behavioral science research

by

Asst. Prof. Laddawan Kasemnet

The purposes of this research are to create a database for measuring instruments in behavioral science and to provide service of the database.

There are 294 instruments extracted from the 35 BSRI research report numbers 14 - 48 (1983 - 1992) and the 27 master theses in Aapplied Behavioral Science of Srinakharinwirot University during 1987 – 1992. The information in these databases are as follows :

1. Name of the tool.

2. Source of references.

3. Source of the instruments.

4. Purposes in creating the measuring instruments.

5. Objective of instruments.

6. From of questions and scoring.

7. Quality of the instruments.

8. Sample or target group

9. Time of administering the instrument.

10. Instrument example.

In constructing the database, the following steps have been taken. Firstly, data coding from was desingned. Secondly, researcher assistant collected data. Thirdly a relational database was created using FoxPro Softwear. Finally, a database was testedfor its functioning and user satisfaction before the final database was installed at the BSRI.

Research products are as follows:

1. The database BSRI comprises 3 main menus. The first menu called data entry permits users to correct, delete, redevelop or update the database. The second menu is called data searching and data checking. It works by searching or looking for the instrument name, sources of references and target groups, or their combination as a keyword in searching. The third menu is called report printing. Users can print the full or a part of the result from searching.

2. The manuals of BSRI consist of installation manual user manual.

The BSRI database was installed at Behavioral Science Research Institute, Srinakharinwirot University, Prasarnmit. The service is available for users during the office hours.