

## Abstract

Data warehouse is a solution for higher education institution to support the strategic plan-making and decision-making to do improvement and quality assurance of higher education institution. Developing data warehouse as *Pangkalan Data Perguruan Tinggi* (PDPT) is a form of cooperative action by the government in overseeing the implementation of higher education. But, until now there is no guide or general data warehouse model which can be adopted by higher education institution in Indonesia. Therefore, in this study will be discussed on how to design a data warehouse models that can be a general model database of higher education institution in Indonesia.

The construction of the system was conducted until the implementation phase in the Oracle 11g DBMS. Once the implementation phase is complete, the next phase is testing data warehouse models that have been made. The hypothesis of this study are there is found a model of a data warehouse that is common to higher education institution in Indonesia (schemes) and several query that can be used to obtain information to support the higher education institution quality assurance process in Indonesia, especially the fulfilment of Borang Akreditasi BAN-PT.

**Key words:** *data warehouse*, PDPT, model, *general*, Oracle 11g, borang