ABSTRACT

Information visualization is a method for displaying data and information with graphical and textual form that aims to present some information that can be obtained through the introduction of a form, see the changes and other cognitive skills by using information visualization system.

Unified taxonomic framework illustrates several key factors and considerations that can be used to develop an information visualization interface, that is data, tasks, skills and context-related dimension as well as user interaction and the ability of human perception. Through consideration of key factors and considerations, a unified taxonomic framework has a purpose for the development of information visualization interface that is easy to use for both novice users and professional users.

The focus of this final project is the implementation of a unified taxonomic framework on information visualization and evaluation based on usability criteria. Implementation of information visualization taxonomic framework uses climatological data, the number of rainy days in bandung area years 2005 until 2009.

Evaluation conducted in this thesis is the evaluation using usability criteria. Usability criteria used to measure how easy the system is used by measuring the time of trial, error and system users when using user satisfaction levels during use of information visualization systems are built using the framework of an unified taxonomic.

Keywords : *information visualization, human-computer-interaction, interface, evaluation, usability, climatology*