



Research on the Visual Design Strategy of Scientific Research Management System based on Information Hierarchical Representation

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Abstract: As the transmission medium of data information in the scientific research management system, the overall presentation of visual design needs to bridge the gap between the data and the diagram, and to provide enhanced services that are easy to understand and disseminate to the user layer. In order to improve the functions of visual design in scientific research management system, this paper analyzes its own structural characteristics and information hierarchical representations such as data, and proposes efficiency strategies and feasible methods for visual design.

Keywords: Visual design, information hierarchy, scientific research management system.

1. Introduction

In the new era, with the development of science and technology and the deepening reform of the management system, a standardized, three-dimensional, multi-dimensional and interactive structure is proposed for the university's scientific research management system. Faced with the structural characteristics of the data layer, business layer, user layer and decision-making layer of the scientific research management system, as well as the diversity and surge of unstructured data in the system, the lag response of the overall visual design of the system and the difficulty of matching with system functions is one of the reasons for the low value density of system data. As an important part of the overall construction of the scientific research management system, the effective presentation of visual design is a reasonable plan