

**SSKR: A PROTOTYPE FOR MODULES TEMPLATES, SS  
FAÇADE/FORMAT AND NEWS/BULLETIN OF FTMSK**

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## **ABSTRACT**

Managing data and information for organization in this era is become more challenging. The organization should manage their data and information to become knowledge. Knowledge repositories allow the knowledge to be obtained, share and regulated by individuals and knowledge-sharing organizational systems. At present, no specific system has been built to manage all information and knowledge in FTMSK. This project, SSKR, develop to solve the problem at FTMSK in managing knowledge. Emphasis is given on the modules News/Bulletin, SS Façade Format and Templates. The key participants in this project are the people in Science System Department. The benefits of this SSKR are it promote standardization and increase the efficiency in managing knowledge.

## **CHAPTER 1**

### **BACKGROUND OF SCIENCE SYSTEM KNOWLEDGE REPOSITORY (SSKR)**

#### **1.1 Project Background**

Managing knowledge in an effective way is important for every organization. By applying repositories, Science System Department of FTMSK can manage their knowledge or information productively and efficiently.

A repository allows the centralization and structural of otherwise scattered information. The repositories also promote the preservation, sharing, retrieval and reuse of data. The advantages of repositories are; it reduces the time of search for information, improves information circulation and the integration of different know-how. Such a repository would be probably being accessible only from inside an organization, via an intranet. Repositories store knowledge on a domain or, such as yellow pages.

The knowledge repository does not aim at automatically solving problem but rather at supplying the user relevant information that she or he will interpret and use according to his or her needs. The number of formal aspects taken into account by the knowledge retrieval and checking procedures of the repository may be reduced in order to handle efficiently large amounts of information.