UNIVERSITI TEKNOLOGI MARA

Information Model In An Open Archival Information System (OAIS) For Bahagian Akib & Muzium (BAM) UiTM

Zul Azfar Bin Sulaeman

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ABSTRACT

This report describes a project carried live on the Bahagian Arkib UiTM using metadata and standardization. The function of OAIS Information Model is to help provide information and metadata about archive easily to see, either manually or electronically as a reference to management, researchers and future generations. Bahagian Arkib UiTM information model, need to be describe about its metadata using standard that already being used in National Archive data description. General International Standard Archival Description (ISAD(G)) and Open Archival Information System (OAIS) Information Model are being used to standardize between Bahagian Arkib UiTM and National Archive of Malaysia. The importance of standardization between these two companies is to make information shareable because these two companies share their information together.

CHAPTER 1

INTRODUCTION

1.0   Introduction

This chapter provides the overview of the research project and discusses about the research background, problem statement, aim of this research, research objectives and significance of the project.

1.1   Research Background

Today, libraries, archives, museums, and other cultural heritage institutions are responsible for preserving information in digital form that has potential to serve as valuable cultural records. If persistent access to such material is lost, society at-large stands much to lose. One powerful way of ensuring persistent access to digital material of enduring value is by creating preservation metadata for digital objects (Denise Anthony, 2010). Nowadays, the world has universe of data and metadata. We have an infinite amount of data, but hardly to share because the data stored with different ways. The data can be shared if there are same ways to store the data. In that way, information can be transfer or can be share.

Standardization is a consensus-driven activity, carried out by and for the stakeholders themselves. It is based on openness and transparency in an independent organization, and seeks to establish a voluntary adoption, and in accordance with the standard. Although the voluntary and independent character, but a lot of time standardizing effect on a number of areas of public concern, such as industrial competitiveness, or environmental functions of the single market because of this standardization can also play a role in regulatory policy(Bart Brusse, Rigo Wenning, 2005).