



UNIVERSITI TEKNOLOGI MARA

STORAGE AND DATABASE DESIGN FOR UiTM ART GALLERY

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ABSTRACT

Rapid advancement in Internet based applications and the wide usage of World Wide Web (WWW) has led to many challenges in information technology (IT) globally. The dawn of the new millennium has seen the births of numerous internet based applications as people are more geared toward borderless environment and communication anywhere anytime. Museums are also expected to use the internet as a medium to interact with others. One of the missions of museums is to provide access to the works of art in their collections. The existence of the World Wide Web has significantly increased the ability of museums to fulfill this mission by displaying works of art on their web sites. This project proposed the process of UiTM Art Gallery efforts to incorporate the use of Internet technology as it works to fulfill its mission to bring people and art together to document their collection of products for easy management. The objectives of this project are to conduct comparative study on storage database design of large image database, to design the conceptual, logical and physical database design chosen for UiTM Art Gallery and to implement database for UiTM Art Gallery to be used later by a retrieval system. The finding result shows that relational database is the good model that can be use to implement the database system of UiTM Art Gallery.

TABLE OF CONTENTS

	Page
Approval	ii
Declaration	iii
Acknowledgment	iv
Abstract	v
List of Tables	ix
List of Figures	xi
Chapter 1: Introduction	1
1.1 Research Background	1
1.2 Problem Statement	3
1.3 Objective	4
1.4 Project Scope	4
1.5 Project Significant	4
Chapter 2: Literature Review	5
2.1 Introduction	5
2.2 Database	6
2.2.1 What is a database?	6
2.2.2 Why use a database?	7
2.3 Database Model	8
2.3.1 Relational database model (RDBMS)	9

2.3.2	Object-oriented database model (OODB)	10
2.4	Comparison of Relational Database Model and Object-oriented Database Model	11
2.4.1	Data Model Representation	
2.4.1.1	Relational Modeling	11
2.4.1.2	Object-oriented data modeling	15
2.4.2	Performance between RDBMS and OODB	18
2.4.3	Strengths and weaknesses	20
2.5	Conceptual, Logical, and Physical Data Models	23
2.5.1	Conceptual Data Model	23
2.5.2	Logical Data Model	24
2.5.3	Physical Data Model	25
2.6	Graphical User Interface Design	26
2.7	Summary of Previous Comparative Study	27
Chapter 3:	Research Methodology	29
3.1	Introduction	29
3.2	Research Methodology	30
3.2.1	Gathering information and analysis	32
3.2.1.1	Primary data	32
3.2.1.2	Secondary Data	34
3.2.2	System Design	35
3.2.3	Implementation	38
3.2.4	Testing	38
3.3	Hardware and Software Requirement	39
Chapter 4:	Results and Findings	43
4.1	Introduction	43
4.2	Comparison Summary	43
4.3	System Requirements Analysis	45