

LAPORAN LATIHAN PRAKTIK

DI

KOLEJ TEKNOLOGI COSMOPOINT CAWANGAN SUNGAI PETANI SUNGAI PETANI, KEDAH DARUL AMAN

OLEH

MOHD YUSOF BIN MD.HARRIS (2003178530)

MUHAMMAD FAHMI BIN MAZLAN (2004462770)

LAPORAN

YANG DIKEMUKAKAN KEPADA

FAKULTI TEKNOLOGI MAKLUMAT DAN SAINS KUANTITATIF

UNIVERSITI TEKNOLOGI MARA

SEBAGAI MEMENUHI SEBAHAGIAN DARIPADA SYARAT

UNTUK MEMPEROLEHI

DIPLOMA SAINS KOMPUTER

ACKNOWLEDGEMENT

In the name of Allah, The Most Gracious And The Most Merciful. Without Him, we cannot finish up our practical training at Cosmopoint College of Technology, Sungai Petani Branch, Kedah. During our precious month, we've learned and done many things and sometimes we faced so many problems in getting through all those month. But with help from others, we've completed all the work given by the organization from easy task until the toughest task.

We would like to appreciate and we want to take this chance to deliver our thanks to all the staff of Cosmopoint College of Technology Sungai Petani who had given their support and trust us during our training. We greatly thanks to:-

- Mr. Ahmad Fauzi bin Abdul Jalil
- Miss Azwa binti Md Fadzil
- Mrs Zanariah bt Idrus

We would also like to deliver our thanks to Miss Mazliana binti Ramli, user of our project and also the Cosmopoint's librarian who is willing to spend her time in developing this system.

Last but not least, we would like to thanks all our lecturers in Computer Science Department of UiTM Perlis and UiTM Sarawak, our friends, our colleagues and all the individuals who are not mentioned here.

CHAPTER 1: INTRODUCTION TO ORGANIZATION

1.1 ORGANIZATION BACKGROUND

Cosmopoint Metro Campus Sungai Petani (Cosmo SP), has started its operation in April 1998. Currently, this branch is lead or managed by En.Ahmad Fauzi bin Abdul Jalil as a centre manager and assisted by 34 administration staffs and lecturers. Two shop houses have been used to run the operation of Cosmopoint Metro Campus Sungai Petani and it consists of 3 levels.

The students currently enrolled in various diploma and certificate programs consists of all races namely Malay, Chinese and Indian. The students' population until the end of March 2007 is 368 students. Since its establishment, Cosmopoint Metro Campus Sungai Petani has produced 1753 students in various courses.

The Cosmopoint Metro Campus Sungai Petani is equipped with a library that has good quality books and journals, counseling room or consultation room, prayer room, computer lab equipped with 211 computers, comfortable lecture hall and tutorial rooms, working lab, LCD projector equipment for lecture session, R&D room for lecturers and also comfortable lecture hall.

Its strategic position which is near Sungai Petani bus station is made Cosmopoint Sungai Petani such an attractive learning institution among the students who choose IPTS as their educational institute.

TABLE OF CONTENTS

ACKNOWLEDGEMENT							
CHAPTER 1: INTRODUCTION TO ORGANIZATION							
	1.1	Organization Background	1				
	1.2	Business Activities	2				
	1.3	Vision and Mission of the Organization					
	1.4	Organization Chart					
CHAPTER 2:	SYSTEM PLANNING						
	2.1	Description of Current System	5				
	2.2	Main Reason of System Project	5				
	2.3	Feasibility Study	8				
		2.3.1 Operational Feasibility	8				
		2.3.2 Technical Feasibility	8				
		2.3.3 Economic Feasibility	9				
		2.3.4 Schedule Feasibility	9				
	2.4	Project Schedule	10				

CHAPTER 3: SYSTEM ANALYSIS AND DESIGN

	3.1	Introd	uction	71		
	3.2	Syste	m Requirement			
		3.2.1	System Objectives	11		
		3.2.2	Project Scope	11		
		3.2.3	Functional Requirements	12		
		3.2.4	Non-functional Requirements	14		
	3.3	Proce	ss Modeling	15		
	3.4	Data Modeling				
		3.4.1	Data Flow Diagram (DFD)-Level 0	16		
		3.4.2	The Data Dictionary	17		
		3.4.3	Entity Relationship Diagram (ERD)	18		
3.4.3 Entity Relationship Diagram (ERD) 1 CHAPTER 4: SYSTEM TESTING						
	4.1	Introd	uction	19		
	4.2	System Testing Method				
		4.2.1	Unit Testing	19		
		4.2.2	Integration Testing	20		
		4.2.3	System Testing	20		