PRACTICAL TRAINING REPORT

AT

INFORMATION TECHNOLOGY UNIT

COSMOPOINT SDN BHD

NO 77 & 78 JALAN MAWAR 1,

TAMAN PEKAN BARU,

08000 SUNGAI PETANI,

KEDAH DARUL AMAN.

BY

NOR SHAZWANI BT ISMAIL (2008416278)

REPORT

SUBMITTED TO

THE FACULTY OF INFORMATION TECHNOLOGY AND SCIENCE IN

QUANTITATIVE

MARA UNIVERSITY OF TECHNOLOGY

MEETS THE REQUIREMENTS TO GET

DIPLOMA IN COMPUTER SCIENCE

MAY 2011

ACKNOWLEDGEMENT

1.2 PROJECT BACKGROUND

The Library Management System is design to provide one systematic system for librarian to manage booklist and borrowing process. Basically the system will be created using Microsoft Access 2007. The system is build for Cosmopoint International College of Technology Sungai Petani.

The Library Management System provides an application method for administrator user only. The Library Management System will store all the books and members information. For book information consists of reference number ID, title, call number, ISBN, author, and publisher while for member information consists of IC Number, name, date of birth, gender, address, city, postcode, state, status, phone number (hand phone), phone number (house), email and picture.

The system also provides search function to help librarian find the book record and member's record. This is easiest for the librarian during make a book loan transaction for members. From here, librarian can add, delete member record, and update the book and borrower database.

In the report form, the librarian can view individual member report, member book loan, list book loan, and all members' details report. The librarian also can print out the report as references.

ABSTRACT

The title of this project is "Library Management System". The main purpose of Library Management System is to store information of all books and record of borrower efficiently. It has user friendly menu driven environment to ease the use of the system. It enables productive and effective library member registration. The system able to create data, delete data and make book loan transaction which will set the date borrowed and date returned. It can also generate printed report on borrower.

The project is developed in the final semester of my Diploma Computer Science program. I divided this semester into two where the first half session of the semester would be used to do the interim report such as initiation, planning and the prototype of the system. During this session, I also defined the objectives of my project, goals, scopes and problem statements so that I can complete the project easily referring to it.

Gantt chart and milestones were also specified to guide my schedule to keep track of time I used in developing the system. Besides, I also have done some researches on the Cosmopoint International College of Technology Sungai Petani. I have conducted a visit to Cosmopoint International College of Technology Sungai Petani for the background studies about their library management. The management of library management is manual book loan. On the second half of my semester, I have to complete the final report, implement and test on the system. I do some reviews on the library management and then make system to enhance the college.

After completing the system, test was conducted to ensure no errors and bugs occurred. The system limitation is also defined for maintenance and further enhancement in future. At the end of semester, the project was successfully developed. Though I faced problems during the development of project, but I able to find solution and finished the project before due date and as planned in the Gantt chart.

TABLE OF CONTENTS