FINAL YEAR PROJECT REPORT

ADVANCE DIPLOMA IN MECHANICAL ENGINEERING

SCHOOL OF ENGINEERING

MARA INSTITUTE OF TECHNOLOGY

SHAH ALAM

*PROJECT MANAGEMENT INFORMATION
SYSTEMS - A COMPARISON STUDY*

PRESENTED BY :

CHE FARIDAH BT MAT TAIB
91603341

AND

ROYHAILA BT HJ. DRAHMAN
92018830

PROJECT ADVISER :

DR. PADMA NATHAN

NOV. 1994

ACKNOWLEDGEMENT

We would like to convey our gratitude to the project advisor,
Dr Padma Nathan, for his guidance, support and his
assistance in completing our project. It was a very
interesting experience particularly in scheduling and
controlling a project using software. Though we learned a
lot from mistakes, it will not stop us from completing the
project.

We would also like to thank the staff especially the computer
laboratory staff in helping us indirectly and directly . To our
friends, thanks for your support.

Thank You,

1. Royhaila bt Hj. Drahman.   (.:............................)

                                           92018830

2. Che Faridah bt Mat Taib   (.......~..,....................)

                                           91603341

ABSTRACT

This project is related to the application of project management information systems or PMISs for project management. PMIS is a tool to help the project manager in scheduling and controlling the project.

A case study was used in the project to help evaluate the characterictics among the different PMIS packages. The case study described the process for producing a hair lotion in an automated factory with the objective of having the product launched at a specific date.

Three different types of PMIS were used to schedule the project. The packages that were used in the project were Microsoft Projects for Windows, Primavera and Artemis Project. The later two are Type 3 packages and Microsoft Project for Windows is a Type 2 package.

After having used the different software on the case study, a better understanding of the features of Microsoft Project For Windows, Primavera and Artemis project was attained.

CONTENTS   PAGE

1.0 INTRODUCTION

The main objective of this project was to study the concepts

inherent in a Project Management Information System and

functions in it.

Apart from that we also studied the applications and features

of three types of software:

* *Microsoft Projects for Window.*

* *Primavera Project Planner .*

* *Artemis Project*

These software will be evaluated according to :

Friendliness - For the novice user, this included

clear and logical manuals, help screens, tutorials, menu

driven structure, easy editing, and so on. For the

advanced user, this meant well-documented and easy-to-

program commands.

Schedules - Gantt charts were mandatory,as well as

1