

**CLASS SCHEDULING SYSTEM FOR FACULTY OF INFORMATION
TECHNOLOGY AND QUANTITATIVE SCIENCE UiTM
SECTION 17 CAMPUS SHAH ALAM**

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**THESIS SUBMITTED IN PARTIAL FULFILLMENT FOR THE DEGREE OF
BACHELOR OF SCIENCE (HONS.) IN
INFORMATION TECHNOLOGY**

**FACULTY OF INFORMATION TECHNOLOGY
AND QUANTITATIVE SCIENCE
MARA UNIVERSITY OF TECHNOLOGY
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SHAH ALAM**

2000

ACKNOWLEDGEMENT

I would like to express my gratitude to Allah for giving me the strength to complete this thesis. I would also like to express my appreciation to my supervisor, Pn. Wan Adilah Wan Adnan, who has spent her energy and time to guide and encourage me throughout the completion of my thesis.

Thanks also to Pn. Nursuriati Jamil for explaining how the class scheduling system should work and also who has guided me in her ITC 599 class.

Finally, I would like to thank all my family and friends who have given me full support and encouragement to complete this thesis.

CLASS SCHEDULING SYSTEM FOR FTMSK SECTION 17

ABSTRACT

Class Scheduling System for Faculty of Information Technology and Quantitative Science (FTMSK) section 17 is designed for user to perform class scheduling functions. The primary purpose of the *Class Scheduling System* is to support the development of each lecturer, student and classroom class schedules. In addition, this system provides input and maintenance of information that can eliminate redundant data entry. This computerized *Class Scheduling System* will show clashes during the construction of the schedules if any. The schedules of classes that is produced will show when and where the lecture takes place as well as the lecturers who conduct the class. Moreover, this system would produce a complete class schedule which can be viewed, modified and printed. With user friendly graphic interface, this *Class Scheduling System* is much more easier to be used.

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CHAPTER 1

INTRODUCTION

1.1 PROBLEM BACKGROUND

“Class schedule” can be defined as a planned list of schedule that is designed in a table form. This class schedule contains information related to study planned in a week for a semester. The table of this schedule contains the time, day, course’s code and description classroom number and also the lecturers’ name. Currently, process of constructing the class schedule is done manually. This will reward many changes due to clashes especially time and classrooms.

Therefore, this research will propose an effective way to construct a class schedule through a computerized class scheduling. The system will result in a unique system architecture which can cater for related scheduling problems. In addition, with the system, it will allow schedules to be prepared, viewed, modified and printed in an efficient way