Universiti Teknologi MARA

MOBILE TRAFFIC SUMMON SYSTEM

ALIF RIDWAN BIN AB. RAHMAN
2003471067

Thesis submitted in fulfillment of the requirements for
**Bachelor of Science (Hons) Information System
Engineering
Faculty of Information Technology And
Quantitative Science**

November 2006

ACKNOWLEDGEMENTS

With the name of Allah the most Gracious, the most Merciful creator, I seek His Blessing on His Prophet Muhammad S.A.W

Alhamdulillah, thank to Allah S.W.T, the almighty who gave me a strength, motivation, guidance and idea to finished my final project. Honestly, the final project is not an individual effort. I cannot navigate this project without any support from lecturers, friends and my family who believe in what am I doing.

I would like to convey my grateful thanks to the most important person in this final project process has been my coordinator, Pn. Hjh. Ariza binti Nordin and Pn Wan Amalina Wan Hariri. Thank you so much for you guidance and knowledge for this project.

My grateful thanks go to my supervisor, En. En. Mohamad Yusof Darus. He has given of his time to supervise my project from beginning to the ends. He has contributed a lot of effort to help me. Without his guidance, comment, idea and support, I might not finish this research successfully. His wisdom and guidance will always be remembered and greatly appreciated.

Last but not least, I would like to convey my thanks to my beloved parents which always give me a support and motivation to finish my project. They always give me a support and advice when I'm lost. Their support will always be remembered. An also to all my friends that always give me a support from any aspects. Thank you.

ABSTRACT

The Security Department is one of the important department in UiTM Shah Alam. The security guard of UiTM Shah Alam responsibility for handling traffic summon in UiTM Shah Alam. They provide summon using current system; writing traffic summon into summon sheet and give it to the student. Then the staff of the Security Department will key in the traffic summon details into the database. By using this method, process of handling and storing traffic summon become slow, waste of time and effort.

In this paper the problem of using the old traffic summon system list is discussed, analyzed and the new approach to overcome the problem is introduced which is Personal Digital Assistant (PDA). This paper will suggest the Personal Digital Assistant (PDA) as an approach for handling traffic summon and make it more reliable and more effective.

TABLE OF CONTENTS

CHAPTER 1

INTRODUCTION

In this chapter, it will explain the background of the research, problem of the research that has been identified and the project scope. It will also be provided with research objectives that should be achieved, the significances of the research, hypothesis and project constraints or limitations during the research.

1.1   Research Background

The Mobile Traffic summon System is a system to collect traffic summons, which will be used in Personal Digital Assistants (PDA). This device is equipped with an interactive user interface and a mobile portable printer. This device will be used by UiTM Shah Alam's security guard in order to ease them to collect traffic summons, print it by using a mobile portable printer, and store the traffic summons's detail into their main department's data centre. This system is more convenient and a faster method because it allows the traffic summons details to be saved in the Personal Digital Assistants (PDA), and transfer the details to the security department's data centre via pc cradle.

The Security Department has responsibilities to ensure the safety environment in the university, such as controlling the traffic, and to make sure that the students is not against the university's rules. The student that breaks the university rules will be charged with traffic summons in order to make them to follow the rules. Traffic summons are also be given out if they break traffic rules such as not parking at the parking lot, no car sticker, going against a one way road, and many more.

1