

**GLOBAL POSITIONING SYSTEM (GPS)
MULTIPLE VEHICLE TRACKERS**

**This thesis is presented in partial fulfillment for the award of the
Bachelor of Electrical Engineering (Honours)
UNIVERSITI TEKNOLOGI MARA**



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MAY 2007**

ACKNOWLEDGEMENT

In the name of Allah, Lord of Universe, the Merciful and Gracious

Thanks to the most benevolent and merciful Allah SWT, whom had gave me physical and mental strength in order to complete this final project in due time. I would like to express my appreciation to all parties whom involved directly and indirectly in assisting me to prepare this final project

This project would not have been possible without the efforts of a large number of other people. Foremost among these is my supervisor, Pn. Nur Emileen Abdul Rashid for her utmost guidance, support and supervision throughout the entire project. Without her help and thoughtful criticism, I would not be able to present this final project as required.

A special thanks to En. Zuki Wahab from SIRIM Bhd. and En. Misbah for their contribution to supply information with valuable consultation that needed to complete this final project.

I would also like to convey my thanks to my friend especially Saharah Mohd Zaki and residents of Puput for their support at various occasions

Finally, I would like to thank my family. My parents Yeop Hussin and Rudziah Ismail, nurtured a small spark of inquisitiveness and fanned it into a flame with toys, tools, and books. I could not have done without their support. Thank You.

ABSTRACT

The Global Positioning System (GPS) is a network of satellite that continuously transmits coded information, which makes it possible to precisely identify locations on the earth by measuring distance from the satellite. This project involved the design and the implementation of a Global Positioning System multiple vehicle trackers. Universiti Teknologi MARA (UiTM), Shah Alam bus services are selected as the project sample. The Global Positioning System is used to detect the location of these buses by referring to the system database which is stored inside a microcontroller. The locations of these buses are displayed on the monitor. Although this project is focus on the tracking of two vehicles, however the concept is the same when using any number of vehicles.

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