Indoor Parking Location Information through Short Message Service (SMS)

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BACHELOR OF COMPUTER SCIENCE (Hons)

THESIS SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE DEGREE OF BACHELOR OF COMPUTER SCIENCE

FACULTY OF COMPUTER AND MATHEMATICAL SCIENCES

UNIVERSITI TEKNOLOGI MARA

NOVEMBER 2010

Acknowledgement

I would like to express my grateful for giving me the opportunity and strength and guide me through the challenges during my proposal Final Year Report progression. I have learned many things that are useful when preparing this proposal.

I would like to give my special thank and appreciation to my supervisor, Puan Marshima Bt Mohd Rosli, for her advice, criticism, guidance and creative idea in every stage of this research. I would like to thank for her time she spend for me and effort to finish this proposal. Not to forget, a thanks infinitely to Dr Elaiza and Dr Fakrul as the course coordinators for their help and support according to this project. Thank you for your patience and trust on me towards completing this project.

To my friends, thanks for the entire moral supports that they had given to me and many others individual that unable to list who have directly and indirectly helped me in completed my report. Not to forget, I would like to express my thank to my parent, for their encouragement, patience, support and sacrifice they may give me during the course of project. Last but not least, I would like to express my thankful to all the people who have been supporting me from the beginning until the end of the project. Only Allah S.W.T can repay your kindness.

Abstract

Indoor Parking Location Information through Short Message Service (SMS) is developing to help the drivers to find back their vehicle using their mobile phone via text messaging technology. They may forget the parking location of their vehicle or they are not familiar with the car park. The system prototype will provide information about the location of the vehicle at the indoor car park. This objective of the system prototype is to identify the appropriate Short Message Service (SMS) gateway to deliver the location information of the vehicles, to design and develop the indoor parking vehicle location information prototype and to test the indoor parking location information through Short Message Service (SMS).

This system prototype is hope will give a lot of benefit to the driver and mobile user in reducing user time to find back their vehicle with low cost of service. This system prototype is limited to the indoor parking lot only. It is because the Global Positioning System (GPS) give inaccuracy information to the user. It is because it suffers for noise due to weather condition, tree cover and other surrounding structure. When a user is request for the location of their vehicle, the system prototype will give response by sending the location, level and wing of the car park. Sequential search algorithm will be use to do searching of the license plate. Hopefully this system prototype will give a lot of benefit to the user.

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