A WAP APPLICATION REQUIREMENT MODEL FOR TRANSMITTING TRAFFIC OFFENCES

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A WAP APPLICATION REQUIREMENT MODEL FOR TRANSMITTING TRAFFIC OFFENCES

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Abstract

The major problem in high-income countries have large volume of road traffic is how to collect fine due to traffic offences. In Malaysia it has being confirmed that the average probability of getting apprehended for traffic offences is only 16% — 25%, increasing to 55% during festive periods that translate to fines not collected. A solution based on WAP application requirement Model is developed with a platform to facilitate queries to the offence database and update immediately. A prototype showed that the project can be an implemented.

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INTRODUCTION

Wireless application protocol (WAP) includes such things as WML (wireless markup language), WML Script, WSP (wireless session protocol), and micro browser. As this technology evolves, it brings dramatic and fundamental changes to the world. This revolution will impact numerous facets of our daily lives and the way business is conducted. It will provide important data in real time to assist decision makers. It will also exert great influence on communications between businesses and their customers, and transform the way we live (Rahul, 2001).

Therefore mobile devices have become more common and hence there is the need for more complex interactions between mobile devices, application softwares and other server-based softwares. Also with increasing requirements of distributed software systems, software agents are becoming a mainstream technology for software engineering and data management. Mobile computing introduces new opportunities and challenges for application integration. Some of the challenges include small device size, limited bandwidth, limited processing power and lack of integration protocol support. Despite that, mobile devices give a quick way to report or transmit information to a centralized application or database.

The contents of the thesis is for internal user only

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