UNIVERSITI TEKNOLOGI MARA

UNIVERSITY DETECTION AND ANALYVICAL SYSTEM FOR BUS (WE3 BASED)

AG NORSHARIM BIN AG KADIR

BACHELOR OF SCIENCE (Hons.) DATA COMMUNI CATION AND NETWORKING

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ABSTRACT

In today's worlds, information has become a great assets and important to the people. Hence information have become a major advantage in utilizing it. Furthermore, public transportation such as bus has now begun to become more user-friendly, and now people have take in that bus becoming their first choice transportation to their destination as for its economical and cost saving advantages. However, since the traditional way bus system now still having problems with time and efficiencies we here by taking a step of modernizing the bus system and functions by installing the Global Positioning System device on the bus which allowed the bus to be more user-friendly. With the installation of the GPS on the bus and system based android phone and web, its allow the people that riding buses be able to check the time arrival for the bus to the bus station as they can avoid to wait for random time. This can avoid a congestion of people in the bus stop. Furthermore, with the help of mobility, people now can check the bus location where ever they want. This project is hoped to become major use by students in University Technology Mara (UiTM) and will be develop more on near future. Moreover, hope fully the systems can help to reduce traffic and people congestion and increase the number of passenger using buses and reduce the number individual cars on the UiTM road.

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