UNIVERSITI TEKNOLOGI MARA

ONLINE DRIVING SCHOOL MANAGEMENT SYSTEM WITH WHATSAPP REMINDER NOTIFICATION

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JULY 2022

SUPERVISOR APPROVAL

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This thesis was prepared under the supervision of the project supervisor, Dr, Siti Zulaiha Ahmad. It will be submitted to the Faculty of Computer and Mathematical Sciences and will be accepted in partial fulfilment of the requirements for the degree of Bachelor of Science (Hons) Information Technology.

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JULY 15, 2022

STUDENT DECLARATION

I certify that this thesis and the project to which it refers is the product of my own work and that any idea or quotation from the work of other people, published or otherwise are fully acknowledged in accordance with the standard referring practices of the discipline.

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ABSTRACT

Efficiency of driving schools in managing will reduce the waste of manpower and information resources. Existing web applications usually provide incomplete information about the instructor, such as personal pictures, and it does not provide a proper platform for communication between instructors and students. The purpose of this study to address the issue of identifying suitable instructors who meet the preferred criteria and designing a web-based system for Online Driving School Management systems with Whatapps Reminder Notification. The target users of the system are instructors, staff, and students. Integrated with the Whatapps Reminder Notifications can alert users to upcoming classes and ensure it delivered successful. Then, six phases in the System Development Life Cycle (SDLC) Waterfall Model was adapted as its development methodology. The principles of user-first, tools are the best friend, and separation of modules are applied to make the development of modern web-based applications more systematic. Functional testing and User Acceptance Test (UAT) was conducted to evaluate the system. According to the results of the UAT analysis, the category of attitude (ATT) and intention to use (BI) has the highest means score, which is 4.59. Meanwhile, all data sets succeeded in the functionality testing. As a result of the research, a web-based Online Driving School Management System with Whatapps Reminder Notifications was managed to establish.

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