UNIVERSITI TEKNOLOGI MARA

IMPLEMENTATION OF SPORT FACILITIES BOOKING SYSTEM USING PROGRESSIVE WEB APPLICATION TECHNOLOGY

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DECLARATION

I certify that this report and the research to which it refers are the product of my own work and that any ideas 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

This paper reports on the functionality and usability of the online system found on the Internet. By using web technology, it delivers the promise of access to information from anywhere in the world. Booking sports facilities is difficult nowadays because people are quite busy and do not have enough time to physically make a reservation. To overcome this problem, this research aims to help administrators to organize the data in a better style and format while also providing users an easier platform for reservation through internet connection. The implementation of online booking system using Progressive Web Application Technology that would still work offline may offer the best user experiences in parity with native application (apps) counterparts. It is crucial that progressive web apps get served from a secure origin such as HTTPS and support push notifications. Every local authority or private owners should take this opportunity in improving and updating their e-services regularly because in this new era, people are getting more reliant on such access to save their time and money. If every other country in the world makes use of this new technology, life will become easier. Besides, we can also improve our lifestyle while preparing our generation to be more intellectual and independent.

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