

UNIVERSITI TEKNOLOGI MARA

THE SPORT COMPLEX  
RESERVATION SYSTEM (TSCR)

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## ASBTRACT

Nowadays, managing the reservation process using a traditional approach like using pen and paper are not only time consuming, but also sometimes inefficient resulting in the false recording of information. The problem with this approach when the management is difficult in report generating for the customer reservation and it requires lots of paper are part of our non-renewable natural resources. The aim of this paper is to develop an accurate, fast and very efficient reservation system to computerize the traditional way of recording reservation, which is implemented on computer system. It can run on multiple browsers likes Google, Mozilla and others. For TER Sport Complex Reservation System, it can be used by manager, staff and all customers for recording and managing the reservation process. This system stores data into MySqli database The management also can approved the reservation made from customers and communicate with customers through this system. This project have been develop base on Adapted Waterfall model. The model used to be extreme programming which consists of planning, design, coding and testing phase. The evaluation of functionality and usability testing involved thirty respondents and 3 experts. Overall, the experts are satisfied with the application and the construct for the content get the highest mean of 4.47 (SD=0.51). Conclusively, this system is expected to help the management to manage and recording the reservation process. For future work, the system will be implemented in more specified process of reservation in order to enhance the system.

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