

ABSTRACT

Sparring Game Center is a business engaged in the field of PlayStation 5 console rental services located on Jalan Terusan Batik Halus, Sukaluyu, Cibeunying Kaler, Bandung. Sparring Game Center is a business that has not yet implemented computerized technology to run its business processes. The owner of the Sparring Game Center still records orders manually in the book. If records have piled up, the owner has difficulty checking schedules and available rooms. In addition, the owner does not create order and journalizing reports to generate business financial reports. To overcome these problems, a web-based application is made for booking rooms. Making this application using the Software Development Life Cycle (SDLC) method with a waterfall model approach and implemented with the PHP programming language and MySQL database. The application testing is carried out using the Black Box Testing method on application functionality, so it can be concluded that this application makes it easier for customers to choose schedules and booking rooms that are still available without having to come to the place and queue. In addition, it makes it easier for owners to record room reservations whose data will be integrated with journals, ledgers, and also generate booking reports. The ordering system can also reduce the potential for customers who cancel orders because all are subject to a down payment of 50% of the total order.

Keywords: booking, application, waterfall, PHP, MySQL.