ABSTRACT

DESIGN OF BADMINTON COURT BOOKING WEBSITE USING THE AGILE DEVELOPMENT METHOD

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Badminton is one of the most popular sports in developing countries such as Indonesia. Badminton is in demand by children to adults, no wonder nowadays there are often found places for badminton field rentals, one of which is in Purwokerto. Generally, the badminton rental system in the Purwokerto area by going directly to the badminton field rental place. WhatsApp applications are often used to check the availability of badminton courts. Rentals via whatsapp have obstacles in terms of accurate validation. This is because the field rental system in Purwokerto is still done manually or handwritten. The purpose of this research is to build the right website features for badminton court rentals in order to facilitate users in renting badminton courts in Purwokerto, apply agile development methods, test website features using blackbox testing, test website feasibility using a usability scale system, place field orders and payments online and help the field in managing badminton court rentals. This research uses the agile development method, where the details of the process must be clear and according to the flow of the agile development method. The results of this study produced a badminton court rental website with the results of the System Usability Scale measurement scale with a value of C where the website is still feasible to use to provide information to users about renting badminton courts quickly and easily.

Keywords: Badminton, Court Rental, Booking, Website