

ABSTRACT

DESIGN AND DEVELOPMENT OF A WEB-BASED FUTSAL FIELD RENTAL APPLICATION FOR KURNIA FUTSAL USING THE RAD METHOD

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The advancement of information technology has significantly impacted various aspects of life, including the management of sports facility rentals. Kurnia Futsal, a futsal court provider in South Tangerang, faces challenges such as booking processes, slow communication, and inefficient data management. This research aims to design and develop a web-based application to streamline the futsal court booking process online. Using the Rapid Application Development (RAD) method, the system is designed to provide real-time information on court availability, facilitate booking and payment processes, and improve data management efficiency for administrators. The implementation of this application is expected to enhance customer convenience, operational effectiveness, and support the business growth of Kurnia Futsal.

Keywords: Web-based application, Futsal booking, Rapid Application Development Method, Kurnia Futsal