

ABSTRAK

Pemilihan atlet berbakat merupakan langkah krusial dalam menciptakan prestasi olahraga yang gemilang. Di Kota Palembang, proses seleksi atlet khususnya pada cabang olahraga bola basket yang berada di bawah naungan Komite Olahraga Nasional Indonesia (KONI) masih banyak dilakukan secara manual dan subjektif. Hal ini menimbulkan berbagai permasalahan, seperti kurangnya transparansi, potensi bias, serta ketidakefisienan dalam proses penilaian. Untuk mengatasi permasalahan tersebut, diperlukan sebuah sistem yang mampu mendukung proses seleksi secara objektif, akurat, dan berbasis data. Penelitian ini bertujuan untuk membangun sebuah Sistem Pendukung Keputusan (SPK) berbasis website dengan menerapkan metode *Weight Product* (WP) guna membantu KONI Kota Palembang dalam proses seleksi atlet bola basket. Metode WP dipilih karena mampu memberikan perhitungan yang sistematis dengan mempertimbangkan berbagai Kriteria penting, seperti kemampuan fisik, teknik permainan, mental bertanding, dan riwayat prestasi. Sistem ini diharapkan dapat meningkatkan efisiensi, transparansi, dan profesionalisme dalam proses seleksi, serta mendukung perkembangan olahraga yang berkelanjutan di Kota Palembang.

Kata kunci: Sistem Pendukung Keputusan, Seleksi Atlet, *Weight Product*, Bola Basket, KONI Palembang, Website.

ABSTRACT

The selection of talented athletes plays a crucial role in achieving outstanding sports performance. In Palembang City, the selection process for athletes, particularly in the basketball branch under the guidance of the National Sports Committee of Indonesia (KONI), is still largely conducted manually and relies heavily on subjective assessments by coaches and officials. This approach often leads to various issues, such as lack of transparency, inconsistency in evaluation, and potential bias, which may hinder deserving athletes from being properly recognized and developed. To address these challenges, this study proposes the development of a web-based Decision Support System (DSS) utilizing the Weight Product (WP) method to assist KONI Palembang in selecting basketball athletes. The WP method is suitable for this purpose as it enables systematic calculations by considering multiple criteria, including physical ability, technical skills, competitive mentality, and achievement history. The implementation of this system is expected to enhance the efficiency, objectivity, and transparency of the selection process, thereby promoting a more professional and sustainable sports development in Palembang City.

Keywords: Decision Support System, Athlete Selection, Weight Product, Basketball, KONI Palembang, Web-Based System.