SISTEM PENDUKUNG KEPUTUSAN PENENTUAN GURU BERPRESTASI PADA PAUD AL-AZAM SEMARANG MENGGUNAKAN METODE SMART

(DECISION SUPPORT SYSTEM DETERMINANTION OF ACHIEVED TEACHERS IN AL-AZAM SEMARANG USING THE SMART METHOD)

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ABSTRACT

Early Childhood Education (PAUD) Al-Azam Semarang is a primary education school located in the city of Semarang, Central Java province. The use of a supportive system is needed to facilitate operational activities in schools including the implementation of Teacher Performance Assessment (PKG). In determining teacher performance appraisals, schools still use manual methods and do not yet have a computer-based system to determine the assessment standards for obtaining the best teachers and performers so that the process and results obtained are less effective and efficient. The choice of the Simple Attribute Rating Technique (SMART) method in determining teacher achievement is because this method is more flexible and is widely used because of its simplicity in responding to the needs of making systems. The system design uses Balsamic Mockups and will be created using the PHP programming language, MySQL and the development of the Waterfall model system. This study produced a Decision Support System for the Determination of Achievement Teachers by using the SMART method that can facilitate assessors in ranking to get outstanding teachers. Decision Support System for the Determination of Achievement Teachers using the SMART Method not only helps as a recommendation for outstanding teachers but can be developed as a Teacher Selection System that will join PAUD Al-Azam Semarang.

Keywords: Decision Support System, Simple Multi Attribute Rating Technique (SMART), PHP, MySQL and Waterfall

ABSTRAK

Pendidikan Anak Usia Dini (PAUD) Al-Azam Semarang adalah sekolah pendidikan dasar yang terletak di kota Semarang, provinsi Jawa Tengah. Penggunaan sistem yang mendukung sangat diperlukan untuk mempermudah kegiatan operasional di sekolah diantaranya dalam pelaksanaan Penilaian Kinerja Guru (PKG). Dalam menentukan penilaian kinerja guru, pihak sekolah masih menggunakan cara manual dan belum memiliki sistem berbasis komputer untuk menentukan standar penilaian dalam memperoleh guru yang terbaik dan berprestasi sehingga proses dan hasil yang didapat kurang efektif dan efisien. Pemilihan metode *Simple Attribute Rating* Technique (SMART) dalam menentukan guru berprestasi karena pada metode ini lebih fleksibel dan banyak digunakan karena kesederhanaannya dalam merespon kebutuhan pembuatan sistem. Penelitian ini menghasilkan Sistem Pendukung Keputusan Penentuan Guru Berprestasi dengan menggunakan metode *SMART* yang dapat memudahkan penilai dalam melakukan perangkingan guna mendapatkan guru berprestasi dan nantinya dapat dikembangkan sebagai Sistem Seleksi Guru yang akan bergabung pada PAUD Al-Azam Semarang.

Kata Kunci: Sistem Pendukung Keputusan, *Simple Multi Attribute Rating Technique* (SMART), *PHP, MySQL* dan *Waterfall*.