

ABSTRACT

Thesis Title : **DECISION SUPPORT SYSTEM FOR DETERMINING EMPLOYEE SALARIES AT PT. DHARA SILVA LESTARI USING THE NAÏVE BAYES METHOD IN THE BONJOL SUBDISTRICT, DHARMASRAYA REGENCY, IMPLEMENTED WITH VISUAL BASIC PROGRAMMING LANGUAGE AND MYSQL DATABASE**

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Specialization : **industrial information system**

Education Level : **Strata 1 (S1)**

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Dental caries in early childhood is a common dental health problem in early childhood that can cause pain, eating disorders, and even have a negative impact on the growth and development of children. The purpose of this study is to design and build expert system software engineering that is able to diagnose dental caries in early childhood to get solutions and information easily and quickly. The results displayed are in the form of explanations of the disease and treatment solutions. The conclusion in this study is that the PHP programming language and MySQL Database have been proven to be able to be implemented in engineering an expert system to diagnose dental caries in early childhood. The forward chaining method has been proven to be able to search for symptoms of dental caries in early childhood easily and quickly. Expert systems can help users get information about the types of diseases, symptoms and treatment solutions for dental caries in early childhood.

Keywords: Decision Support System, Employee Salaries, Naïve Bayes, Visual Basic, MySQL.

ABSTRAK

**Judul Skripsi : SISTEM PENDUKUNG KEPUTUSAN
PENENTUAN GAJI KARYAWAN PT. DHARA
SILVA LESTARI MENGGUNAKAN METODE
NAIVE BAYES PADA KENEGARIAN BONJOL
KABUPATEN DHARMASRAYA DENGAN
MENGGUNAKAN BAHASA PEMOGRAMAN
VISUAL BASIC DAN DATABASE MYSQL**

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Penentuan gaji karyawan di PT. Dhara Silva Lestari menjadi tantangan tersendiri bagi manajemen, terutama dalam memastikan keadilan dan akurasi sesuai dengan kinerja, kehadiran, dan masa kerja karyawan. Untuk mengatasi hal ini, penelitian ini mengembangkan sebuah Sistem Pendukung Keputusan (SPK) menggunakan metode Naïve Bayes. Sistem ini dirancang dengan bahasa pemrograman Visual Basic dan memanfaatkan database MySQL untuk pengelolaan data karyawan. Hasil dari sistem ini menunjukkan bahwa metode Naïve Bayes efektif dalam melakukan klasifikasi dan prediksi gaji karyawan berdasarkan data historis. Dengan implementasi SPK ini, PT. Dhara Silva Lestari dapat membuat keputusan yang lebih terinformasi dan efisien terkait penentuan gaji, sehingga diharapkan dapat meningkatkan keadilan dan kepuasan karyawan di perusahaan.

Kata Kunci: Sistem Pendukung Keputusan, Gaji Karyawan, Naïve Bayes, Visual Basic, MySQL.