

E-VENDOR EVALUATION AND SELECTION SYSTEM FOR FELCRA
BERHAD

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Dedicated to my wife, my daughters and my son for all their patience, understanding, inspiration, moral support and encouragement.

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ABSTRACT

The E-Vendor Evaluation and Selection System is a system that will be developed to help FELCRA Berhad and specifically the Management Information System (MIS) Department staff in managing the information regarding about vendor information which will be kept in database effectively and systematically in order to improve the management efficiency through web base application. The main objective of the system is to analyze and design a web base application for vendor evaluation and selection system module that enable sharing of confidential information from a single source (centralize) database accessible within the organization by authorize personnel. The system will have the ability to provide an online database and fast, precise and latest feedbacks. The system will also help to increase the Management Information System (MIS) Department capability and professionalism in order to avoid any hanky-panky which means that the process of evaluation and selection more transparency. It would also guarantee that all vendors have fair and square chances during the process. The system will be developed using an Object Oriented Software Development methodology. The method is chose because it is most suitable solution to develop this kind of system. In addition, this method would produce the system within minimal time frame. The system will be using Apache Server as web server, MySQL as the database (whereby phpMyAdmin can be used to create database and form tables as needed) and PHP as main application language (programming language).

ABSTRAK

Sistem E-Penilaian dan Pemilihan Vendor adalah satu sistem yang akan dibangunkan untuk membantu FELCRA Berhad khususnya kakitangan Bahagian Pengurusan Sistem Maklumat (MIS) di dalam mengendalikan pengurusan maklumat vendor yang disimpan dalam pangkalan data dengan lebih efisien dan sistematik dalam meningkatkan kecekapan pengurusan melalui aplikasi berasaskan web. Objektif utama sistem ini adalah untuk menganalisa dan merekabentuk satu aplikasi berasaskan web untuk modul sistem penilaian dan pemilihan vendor bagi membolehkan perkongsian maklumat sulit dari satu sumber pangkalan data (berpusat) yang boleh dicapai dalam organisasi oleh personel yang dibenarkan. Sistem ini berupaya menyediakan pangkalan data atas talian, boleh memberi maklumbalas dengan cepat, tepat dan terkini. Dengan adanya sistem ini, ia akan dapat meningkatkan keupayaan dan tahap professional Bahagian Pengurusan Sistem Maklumat (MIS) bagi menghindarkan sebarang penyelewengan yang bermakna bahawa proses penilaian dan pemilihan vendor adalah telus. Sistem ini juga akan menjamin bahawa semua vendor akan diberi layanan yang sama rata dan adil dalam proses penilaian ini. Sistem ini dibangunkan menggunakan metodologi pembangunan perisian berorientasikan objek. Metodologi ini dipilih kerana ia difikirkan paling sesuai bagi membangunkan sistem seperti ini. Kaedah ini dirasakan sesuai bagi menghasilkan sistem yang dikehendaki dalam tempoh seminima yang mungkin. Sistem ini menggunakan Apache Web Server sebagai pelayan web, MySQL sebagai pangkalan data (di mana perisian phpMyAdmin boleh digunakan untuk mencipta pangkalan data dan membina jadual-jadual yang diperlukan) dan PHP sebagai bahasa aplikasi utama (bahasa pengaturcaraan).