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XML BASED ONLINE RESUME BANK

A thesis submitted to the Graduate School in partial

fulfillment of the requirements for the degree

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by

Yin Woon Ching

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ABSTRACT (BAHASA MALAYSIA)

Pengambilan pekerja berasaskan Web telah membawa majikan dan pekerja bersama melalui proses yang senang dan nyata. Bagi pencari kerja, ia menjadi mudah dengan menghantar salinan *resume* (ringkasan pekerja) ke tapak pengambilan pekerja yang mengekalkan pangkalan data *resume* untuk dicapai oleh majikan.

Dengan interoperabiliti yang berkesan, XML telah menjadi bahasa meta yang semakin penting dalam perdagangan elektronik. Projek ini mengaplikasikan ciri-ciri XML untuk membangunkan bahasa meta untuk *resume*. Bahasa meta ini bertujuan sebagai format fail umum untuk bursa kerja di Malaysia.

Selain daripada bahasa meta *resume*, satu prototaip – bank *resume* dalam talian yang berasaskan XML juga dibangunkan. Ia membolehkan pengguna menyimpan dan memperolehi maklumat *resume* dari fail XML.

ABSTRACT (ENGLISH)

Web-based recruiting site brings employers and employees together in a simple and accessible way, helping make the recruiting process more transparent for all involved. For job hunters, it is as simple as uploading a copy of their resumes to one of these sites which maintain enormous databases of resumes for potential employers to search by keyword.

With effective interoperability, XML is emerging as an important meta-language in electronic commerce. This project applies the characteristics of XML to construct a meta-language for job application resume. The meta-language is intended as a common file format for staffing exchange in Malaysia.

Apart from the meta-language, an XML based Online Resume Bank prototype has also been developed. It allows users to save, retrieve and query the resume information stored in the XML file.

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INTRODUCTION

This project is initiated upon the request of course TZ6996 as one of the graduation requirements of MSc(IT). The purpose of this project is to define a meta-language for job application resume of web-based recruiting system. A prototype is developed to save, retrieve and query the resume information stored in the XML files.

This chapter gives an overview of web-based recruiting and eXtensible Markup Language (XML) technology. It covers the problem statement followed by the objectives, scopes and significance of the project. At the end of this chapter, the Online Resume Bank's hardware, software and technology requirements are discussed.

1.1 Web-Based Recruiting

According to the Computer Industry Almanac Inc., there were over 400 million Internet users worldwide at year-end 2000, up from less than 200 million Internet users at year-end 1998. There will be about 673 million Internet users worldwide at year-end 2002 and over 1 billion users by year-end 2005 (CIA).

The contents of the thesis is for internal user only

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