

BORANG PENGESAHAN STATUS TESIS

JUDUL: WEB BASED JOB MARKETPLACE MANAGEMENT SYSTEM

SESI PENGAJIAN: SEMESTER 2005

Saya NORLIZAWATI BINTI RAMLI

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Web-based job marketplace management system /
Norlizawati Ramli.

WEB-BASED JOB MARKETPLACE MANAGEMENT SYSTEM

NORLIZAWATI RAMLI

This report is submitted in partial fulfillment of the requirements for the Bachelor of
Information and Communications Technology (Software Engineering)

FACULTY OF INFORMATION AND COMMUNICATIONS TECHNOLOGY
KOLEJ UNIVERSITI TEKNIKAL KEBANGSAAN MALAYSIA

DECLARATION

I hereby declare that this report entitled
WEB-BASED JOB MARKETPLACE MANAGEMENT SYSTEM

is written by me and my own effort and that no part has been plagiarized without
citations.

UDENT : 
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Date: 24th Nov '05

PERVISOR: 
(MR. SAZALINSYAH RAZALI)

Date: 28/11/2005

DEDICATION

To my beloved parents...

En. Ramli Ahmad and Pn Rokiyah Hj. Majid.

ACKNOWLEDGEMENT

Alhamdulillah, thank you to my beloved parents and family for bearing me along the PSM period.

I also would like to show appreciation to Mr. Sazalinsyah bin Razali as my PSMII Supervisor for leading and guiding me and my friends facing the challenges and giving me opportunity to gain new experience while gaining thoughts and ideas for this proposal. Not forgotten, my friends which is under the same guidance of Mr. Sazalinsyah Razali for the big support, their brilliant advice and their understanding during my rough time.

Next, I would like to say my appreciation to my friends for the love and supportive friendship since forever.

Thank you again.

May Allah bless you.

ABSTRACT

This project is the development of Web-based Job Marketplace Management System. The system is developed based on the current demand of jobseeker and employer in order to ease the job advertisement and job application especially in Malaysian market. Thus, the main users are the jobseeker and the employer. Basically, the system only provides services to Information Technology professional. Based on the current studies, jobseekers in Malaysia are rarely using the Internet services for job seeking. They prefer to refer for vacancy advertised in printed media such as newspaper or magazine. Therefore, the proposed system would be as a new platform for Malaysian jobseeker and employer for their job application and personal ad. The system features efficient procedures and ease of use. It provides jobseeker with the creating and uploading resume, job searching and sending message to employer via online. The employer also could manage their job request from jobseeker in a well-organized system. The main functionalities of employer are vacancy advertising, job application management, resume search and interview setup. Object Oriented Analysis and Design methodology was applied while developing the project. On the whole, the project has met the major of the objectives. However, further improvement can be made such as expanding the type of profession.

ABSTRAK

Projek ini adalah berkenaan dengan pembangunan *Web-based Job Marketplace Management System*. Sistem ini telah dibangunkan berdasarkan permintaan semasa pencari kerja dan majikan dalam memudahkan pengiklanan jawatan dan permohonan kerja terutamanya dalam pasaran Malaysia. Maka, pengguna utama adalah pencari kerja dan majikan. Secara dasarnya, sistem ini cuma memberikan perkhidmatan untuk profesional teknologi maklumat. Berdasarkan kajian terkini, pencari kerja di Malaysia jarang menggunakan perkhidmatan Internet sewaktu mencari kerja. Mereka lebih suka untuk merujuk jawatan kosong yang diiklankan di dalam media bercetak contohnya suratkhbar dan majalah. Maka, sistem yang diusulkan ini akan menjadi platform baru untuk rakyat Malaysia yan mencari kerja dan majikan untuk permohonan kerja dan pengiklanan. Ciri-ciri sistem adalah prosedur yang efisien dan mudah digunakan. Ia menawarkan pencari kerja dengan membuat dan memuatkan *resume*, pencarian kerja dan penghantaran mesej kepada majikan secara online. Majikan juga dapat menguruskan permohonan kerja daripada pencari kerja dengan lebih terurus. Fungsi-fungsi utama untuk majikan adalah pengiklanan jawatan kosong, pengurusan permohonan kerja, pencarian *resume* dan temujanji temuduga. Kaedah *Object Oriented Analysis and Design* telah diaplikasikan dalam pembangunan projek. Secara keseluruhan, projek ini telah memenuhi semua objektif. Walaubagaimanapun, peningkatan kemajuan boleh dibuat seperti menambah jenis profesion.

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CHAPTER I

INTRODUCTION

Web-based Job Marketplace Management Systems is a system or a portal that allow people to browse for job. Nowadays, people are getting busier, either for the job seeker or a company that would like to hire people. Thus, this portal would be a virtual meeting point for both parties in order to archive their goals.

1.1 Project Background

Basically, Web-based Job Marketplace Management Systems would assist people for job application from the first step, uploading resume, receiving message from jobseeker or employer, getting feed back from the applicable company and setting their interview details online.

The system will be applied with web-based application concept that leads to the efficiency of the functions for jobseeker and company to seek job or publicize their job via online. Generally, the architecture uses mechanisms of message-passing for communication purposes. Regarding to the project, there will be two main users exist. The first user is the job seeker who would involve into the free member registration. Then, the second user is for the paid registration for employer. Whatever the nature of the company's business or the candidates, this portal would recommend the best options available for **both parties**. The recommendations will be sending to the company and candidate via email. Therefore, it is a brilliant time planner too.

1.2 Problem Statements

As we can see, there are plenty of hiring systems offered online. However, there are still some problems occurred:

- i) The information in the system is not currently updated. Hence, it would confuse the candidates to apply for a job or the company to make advertisement. Thus, this system would always update their current information for the users.
- ii) The company cannot directly contact the candidate online. They only manage to spell out their vacant position. However, the portal would suggest the users to email their applicant or company immediately.
- iii) The resume uploaded is not well organized by the moderator. Each resume should be categorized according to their field.

1.3 Objective

The objectives are:

- i) To be as one of the platform for people that seeking for a job. It would be as an alternative instead of printed advertisement in newspaper or magazines.
- ii) To be as a one stop center for company to advertise the position criteria that they would like to hire.
- iii) To offer virtual services to people as the technology rapidly expand through the globe.
- iv) To offer the fastest job application and feed back. It is because the system will alert the company and applicant with their current email.
- v) To offer efficient communication between company and candidates by online.

1.4 Scopes

The scopes are:

- i) The portal provides services to IT people only. Only applicant and company that has IT background is able to apply the applications.
- ii) The system is merely available for Malaysia resident. Thus, it would give more convenience to user in order to search for relevant job or employee around Malaysia.

- iii) This portal would apply web-based technology. Means, it would be available for users 24 hours online.

1.5 Project Significance

The significances of Web-based Job Marketplace Management Systems are:

- i) Generally, this portal offers efficiency for both parties; the applicant and company in several aspects such as time management and financial planning.

-Time management – the applicant does not have to go to the office or post the resume in order to submit the application instead of the application would be reached the authorized people in time. In the meanwhile, the company could view the suitable applicant once the portal has verified their request.

-Financial planning – offer zero cost for the applicant in order to print or submit the resume. The company only has to come out with less cost rather than printed advertisement either in newspaper or magazine.

-Strategic location – since the portal is a web-based system, it could be the best virtual meeting centre for job seeker and

company. They could reach the portal only by clicking mouse in their hands.

- ii) Since the portal is available online, the applicant could apply job anytime and anywhere. They only have to fill the required items online without reaching the company's location.
- iii) Helps the company to advertise their vacancy immediately after the information needed uploaded.

1.6 Expected Output

The ideas are:

- i) Allow people to register as a member of the portal so they could access their account each time their login.
- ii) Allow member to append their resume online. Thus, they do not have to post their resume using snail mail.
- iii) Allow company to upload the job criteria immediately. Means, the company do not have to wait their turn for their advertisement to be published.
- iv) The company is able to update the recent info and delete the details if it is not required anymore. However, the company also has to register with the portal first so they do not have to repeat inserting their company's details.
- v) Enable company to contact and offer their interview to appropriate candidates via messages in the system.

1.7 Conclusion

As a conclusion, Web-based Job Marketplace Management Systems offers the latest technology in applying for job and getting feed back from the company.

This portal can be viewed by everyone who seeks for job. This portal offers the candidate to find the suitable job for them. As the technology is rapidly developed, this portal will be updated from time to time by the moderator.

CHAPTER II

LITERATURE REVIEW AND PROJECT METHODOLOGY

In general, this chapter is thoroughly discussed about the technology, resources of research and project milestone. The technology is focuses more into the software and hardware requirements.

2.1 Introduction

In this paper, most of the research is done by searching through the Internet. The resources that available from the websites are based on previous research and articles made by certain people. Else, the study also centered to job agencies accessible online.

The project concentrates on several requirements so it will support the client's environment. The requirements listed are important in order to hold up