

JOB CLEARING SYSTEM

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I hereby declare that this project report entitled
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DEDICATION

*To my beloved parents, supervisor, lecturers, and my friends for giving
assistant to complete this project successfully.*

ACKNOWLEDGEMENTS

The impossibility of acknowledging everyone in person does not mean that we fail to value every contribution, suggestion or conversation that has helped us to refine these ideas. So let's us start thinking all who have been our colleagues on any development project, great or small.

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ABSTRACT

Job Clearing System is an automated online job matching system. It provides facilities for job seekers to seek suitable jobs and employers to get their right candidates. Jobseekers can do online job application while employers can manage the application using Job Clearing System. Objective this system to improve the mobilization of the nation's human resources and to ensure that manpower utilization is optimized through the systematic matching of job seekers to job vacancies. Comparison is always a good idea to get a better understanding of the current situation and problem so there are two main currents system that are worth the attention. Both are the largest online jobs recommender in Malaysia and Singapore namely JobStreet and JobsDB. In third chapter is analysis and this phase to analyze the current system and see how the current system work. This system also developed by using Oracle9i. The methodology they are going to be used to develop the Job Clearing System is a hybrid methodology. It is combination of both Structured System Analysis and Design Method (SSADM) and Data Flow Diagram (DFD). The target users for this application are jobseeker and employer.

ABSTRAK

Job Clearing System adalah sistem pencarian kerja automatik atas talian. Sistem ini memberi kemudahan kepada pencari kerja untuk mendapatkan peluang pekerjaan yang bersesuaian. Majikan pula boleh mendapatkan calon untuk mengisi kekosongan jawatan di yarikat mereka. Sistem ini dibangunkan menggunakan bahasa pengaturcaraan iaitu teknologi Oracle9i di dalam membangunkannya. Objektif sistem ini adalah untuk meningkatkan mobilisasi tenaga kerja dan untuk memastikan penggunaan tenaga kerja secara optimum melalui pencarian kerja dan kekosongan jawatan yang lebih sistematik serta untuk mengatasi masalah yang dihadapi oleh sistem manual sedia ada. Untuk melaksanakan system ini pelbagai analisis dan kajian yang di jalankan. Seperti yang kita semua maklum bahawa sistem seperti ini sememangnya telah wujud sebagai contohnya JobSteet dan JobDB. Justeru itu perbandingan di antaranya di buat. Sasaran pengguna adalah bagi mereka yang ingin mencari kerja dan para majikan yang ingin mendapatkan pekerja untuk syarikat mereka.

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LIST OF ABBREVIATIONS

BITD	- Bachelor in Computer Science (Database Management)
DBLC	- Database Life Cycle
DBMS	- Database Management System
DDL	- Data Definition Language
DFD	- Data Flow Diagram
ERD	- Entity Relationship Diagram
FTMK	- Fakulti Teknologi Maklumat dan Komunikasi
HR	- Human Resource
ICT	- Information and Communication Technology
LAN	- Local Area Network
RAM	- Random Access Memory
SSADM	- Software Structure Analysis Design Management
SCM	- Software Configuration Management

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CHAPTER I

INTRODUCTION

1.1 Project Background

In today's modern lifestyle, advancement in Information Technology gives the opportunity for new resources to straight away actualize business management to be kept electronically. From manual transaction to systematic transaction via specific system that has been developed. Application system by online increasingly popular being practiced in management one department and agency. It have been diverse implementation advantage system online compared system by traditional in management and administration.

Job Clearing System is an automated online job matching system. It provides facilities for job seekers to seek suitable jobs and for employers to get their right candidates. Job seekers can do online job application while employers can manage the applications using Job Clearing System. All these facilities are accessible to all levels of users with no charge. It is also to able facilitating job seeker to get information more precisely, detailed and other.

Besides that, this system also to improve the mobilization of the nation's human resources and to ensure that manpower utilization is optimized through the systematic matching of job seekers to job vacancies. It will act as the one-stop centre

for labor market information for the public. The services are accessible both locally potential target users being the local jobseekers and employers, Malaysian students studying abroad, potential foreign investors, and companies seeking to relocate to Malaysia.

1.2 Problem Statement

Normally, an employer will advertise their jobs vacancies through writing media such as newspaper or brochures. Jobseeker who are interested will send their resume or personal information to the office or to the Human Resource Department (HR). The HR will then short list the applicant according to their qualification and expertise. Short list application will then being called for an interview. Successful applicant will then being notified through mail the details of the employment and date start. Unsuccessful applicants sometimes will also being notified. Besides that, job seeker having to go from one place to one another place to search of job. This way too complicate and trouble finder job seekers. They also difficulty to get lot of information vacancy. The work process takes time and not systematic.

1.3 Objective

- To improve the mobilization of the nation's human resources and to ensure that manpower utilization is optimized through the systematic matching of job seekers to job vacancies.
- To be a one-stop centre for labor market information that will be accessible to the public
- To create and upgrade system standard that able to manage information about job systematically and more efficient.

1.4 Scope

A few scope have been define to develop this project. Among the scopes that have been defined are :-

- 1) User scope :-
 - Jobseekers
 - Employer

- 2) System scope :-

There are 6 modules in this system, which are:-

- i) Login Module

Login module will be used for username and password authentication. This module allows users to remain logged in system as long as they want. Only the authenticated users have the permission to access the system. To more security, this system will be applying an encryption method for password.

- i) Search

This module is produce to help job seeker to search the job, top vacancies and popular jobs. Besides that, employer also make search to find job seeker.

- ii) Update

This module is providing to help jobseeker to update personal information, qualification and job application. For employer to update employer profile and job vacancy.

iii) Query

This module is providing jobseeker profile, view personal information, qualification and job application. For employer to query employee profile, and job vacancy.

iv) Help (Guideline used this website)

This module is providing a basic guideline for new user on how to use this system.

1.5 Project Significance

The benefits from this project are this system provides facilities for job seekers to seek suitable jobs and for employers to get their right candidates. Job seekers can do online job application while employers can manage the application using this system. Besides that, this system also to improve the mobilization of the nation human resources and to ensure that manpower utilization is optimized through the systematic matching of job seekers to job vacancies.

1.6 Expected Output

Expected output was a system afford facilitate job seeker to seek information with easier, efficient, and systematic. It also is an automated online job matching system. Job seekers can do online job application while employers can manage the applications using Job Clearing System. All these facilities are accessible to all levels of users with no charge. It is also to able facilitating job seeker to get information more precisely, detailed and other.

1.7 Conclusion

Conclusion of this chapter is this project will help job seekers to get more information and easy to search their job. Job seekers also can choose the job what their want. With this system provides facilities for job seekers to seek suitable jobs and for employers to get their right candidates. Job seekers can do online job application while employers can manage the applications using Job Clearing System. Next chapter is about literature review and project methodology.

CHAPTER II

LITERATURE REVIEW AND PROJECT METHDOLOGY

From the previous chapter, some basic of what is the online Jobs Clearing System and examples of some commonly know online Jobs Clearing System is defined. The scope of the process which consists of the scope of studies and the user involved is also being defined. In this chapter, the literature review of the field of studies which is online cleaning system and the method to encounter it will be examined. The discussion about the methodology involves to develop the system will also be defined. The first part of this chapter is introduction. Introduction gives reader a brief but throughout idea of the whole chapter of studies. In fact and findings section, there will be a review of the result of the research. The result will be divided into three main section mainly domain, existing system and techniques. The domain refers to the main core studies of the system. This is the section where the main concept that becomes the center guide for the system development will be defined. Existing system section will discuss the methodology of the current existing system mainly JobStreet and JobsDB. On the techniques section, the discussion of the techniques used to gain the opinion from public will be presented. Methodology will discuss the methods or development techniques used to show the design of the system. Project requirement on the other hand discuss the requirement, hardware