JOB SUGGESTION SYSTEM THROUGH ACADEMIC RESULTS

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ABSTRAK

Sistem Pencadang Pekerjaan (JSS) ialah sebuah system yang lebih memfokuskan kepada pelajar tahun akhir yang akan menjalani latihan industry (LI) yang sedang mengammbil Sarjana Muda Komputer Sains (Kejuruteraan Perisian) dari Fakulti Sistem Komputer dan Kejuruteraan Perisian (FSKKP) Universiti Malaysia Pahang. Sistem ini menggunakan senarai subjek dan gred pelajar dalam memberi cadangan pekerjaan yang bersesuaian dengan keputusan academic. Bahasa pengatucaraan yang telah digunakan dalam sistem ini ialah ASP.NET dan C# sementara itu untuk membina pengkalan data yang akan digunakan untuk menyimpan semua informasi menggunakan Microsoft SQL Server. Masalah pertama yang timbul ialah sistem pencadang pekerjaan pada masa in tidak mengambil kira keputusan akademik sebagai elemen terpenting dalam menapis calon di dalam sistem. Masalah seterusnya ialah kebanyakan system pencadang pekerjaan memberi cadangan yang tidak bersesuain dengan dengan kursus dan kelayakan pelajar. Terdapat juga system yang tidak mampu memberi keputusan yang diharapkan. Tujuan utama projek ini ialah untuk mengkaji system pencadang pekerjaan pada masa in, menilai system yang telah dicadangkan dan membina system berasaskan web yang akan memberi cadangan atau meramal pekerjaan meggunakan keputusan akademik pelajar.

ABSTRACT

Job Suggestion System (JSS) is a web based system where it is more focused on final year student that will undergo industrial training (LI) that studied in Bachelor in Computer Science (Software Engineering) from Faculty of Computer System and Software Engineering (FSKKP) Universiti Malaysia Pahang. This system uses the list of subject and its grade that has been taken by the student in order to provide suitable job suggestion to the student. The language used in developing the system is ASP.NET and C# while for creating database to store all the information using Microsoft SQL Server. The first problem occur on the current job suggestion system does not include or considered the academic result is important as a filter into their system. The next problem is many job suggestion website give suggestion the wrong job which is no suitable to their course and qualification. There is also a system that provide not reliable job suggestion services. The main purposes of the project are to study the current job suggestion and system, evaluate the proposed system and develop a web based system that can suggest or predict a job through the academic results of the student.

TABLE OF CONTENT

DECLARATION

TITLE PAGE

ACKNOWLEDGEMENTS **ii**

ABSTRAK **iii**

ABSTRACT **iv**

TABLE OF CONTENT **v**

LIST OF TABLES **viii**

LIST OF FIGURES **ix**

LIST OF ABBREVIATIONS **x**

CHAPTER 1 INTRODUCTION **1**

1.1 Background of study 1

1.2 Problem statement 2

1.3 Aim and objective 2

1.4 Scope 3

1.5 Significance 3

1.6 Thesis Organizations 4

CHAPTER 2 LITERATURE REVIEW **5**

2.1 Introduction 5

2.2 Existing System 7

2.2.1 JobStreet.com 7

2.2.2 MauKerja.my 8

2.2.3 Graduan.com 9

2.2.4 Comparison between existing system 10

2.3 Software and Hardware 11

2.4 Methodology 12

CHAPTER 3 METHODOLOGY 13

3.1 Introduction 13

3.2 Rapid Application Development 14

3.2.1 Justification of Chosen Methodology 14

3.2.2 Requirement Planning Phase 14

3.2.3 User design phase 15

3.2.4 Construction phase 22

3.2.5 Cutover phase 22

CHAPTER 4 RESULTS AND DISCUSSION 23

4.1 Introduction 23

4.2 Testing and Result Discussion 23

CHAPTER 5 CONCLUSION 25

5.1 Introduction 25

5.2 Constraints 25

5.2.1 Inability to print the results 25

5.2.2 Send E-mail for request to change password 25

5.3 Future Work 26

5.3.1 Mobile Application Version 26

5.3.2 Sync data with UMP database 26

5.3.3 Print the result of job suggestion 26

REFERENCES **27**

APPENDIX A GANTT CHART **28**

APPENDIX B SOFTWARE REQUIREMENT SPECIFICATION **30**

APPENDIX C SOFTWARE DESIGN SPECIFICATION **31**

APPENDIX D USER ACCEPTANCE TEST **32**

LIST OF TABLES

Table 2.1	Comparison between three existing systems	10
Table 2.2	Software and hardware used in the development of the system	11

LIST OF FIGURES

Figure 2.1	JobStreet.com website	7
Figure 2.2	MauKerja.my website	8
Figure 2.3	Graduan.com website	9
Figure 3.1	RAD phases	14

LIST OF ABBREVIATIONS

ASP	Active Server Pages
CSS	Cascading Style Sheets
JSS	Job Suggestion System
SQL	Structure Query Language
UAT	User Acceptance Test

CHAPTER 1

INTRODUCTION

1.1 Background of study

Finding a suitable job is a challenge for today's generations. It is challenging because there are too many competition with each other in order to get the job. The competition to get a job is really competitive because there so many graduates that have a good results during their study in the university.

Most of the job search website does not have a filter on the web site for filtering the job suggestion based on academic results. Although some of the employer think that academic result does not really matter to them but it is also important for them to get their first impression of the future employee. The result of the future employee could give a picture on how their future employee could be.

There is not many websites that gives job suggestion based on their academic result. In order to improve this current system, the system need to add the job suggestion based on their academic result. It is important to know that the future employee had a good result during their study time in the university. The user who are currently unemployed or the fresh graduate needs a website that gave them suggestion of the job that they should apply based on their academic results.

The Job Suggestion System is a web based system that use academic results in order to give the suggestion to the user on what the job they need based to apply based on the results.

1.2 Problem statement

The first problem is academic results does not considered in job suggestion. Some of the job suggestion system does not include or considered the academic result is important as a filter into their system. As a result there is high chance of the job seeker to apply the job which is not suitable according to their qualification.

The next problem is many job suggestion website give suggestion the wrong job which is no suitable to their course and qualification. The system could suggested wrongly because the system does not include academic result as a filter in searching the job.

There is also a system that provide not reliable job suggestion services. The job suggestion is not reliable because it does not include academic result as a reference. As a result the system suggest the unreliable suggestion to the user.

1.3 Aim and objective

These are the main aim and objective for this project:

i. To study the current job suggestion system
ii. To evaluate the proposed system
iii. To develop a web based system that can suggest or predict a job through the academic results of the user.

1.4 Scope

The main scope of the project are:

i. Final year student Faculty of Computer System and Software Engineering of Universiti Malaysia Pahang who are looking forward to seek a job based on academic results.
ii. The job suggestion system developed into a web site that able to be viewed by the user through their web browser.

1.5 Significance

The significance of this project is:

i. Help the user to find the suitable job for them according to their academic results.
ii. Can reduces time taken for the user that are looking for the jobs.
iii. Facilitate user to filter the job suggestion based on their academic results

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