

**UNIVERSITI TEKNOLOGI MARA**

**COMPUTER SCIENCES STUDENT  
COMPETENCY SYSTEM (CSSCS)  
FOR INTELLIGENT SYSTEM  
ENGINEERING (CS223)**

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**JULY 2013**

## **ACKNOWLEDGEMENT**

Alhamdulillah, praise and thank to Allah because of His Almighty and His utmost blessings, I was able to finish this research within the time duration given. Even with all the problems occurs during the development process of this project, it motivate me to do the best that I could and giving fully commitment in finishing this project.

Firstly, I would like to give special thanks to my supervisor, En Shukor bin Abd Rahman who become my mentor and person in charge of this project. Thanks to him for everything that he already given to me and the rest of team member. He is the one who has helped us a lot in this project process. All of his ideas, information and motivation become guidelines for me during this project process. En. Shukor also the one who always keep us on track and monitor our performance for the project. Thanks to him for always stand by our side in difficult time.

I also wanted to give my gratitude to En. Hamid who become is our co-supervisor. With his help mostly in technical part, observing our system and making any correction to it.

Special thanks also to Pn. Mudiana who help me a lot in given ideas on how to come out with the good report for this project.

I also want to give appreciation to my family who always support me in hard time. Special thanks to my sister who always motivated me and give her support.

Last but not least, I would like to give my gratitude to my entire team member who always support me and help me in developing this project.

## **ABSTRACT**

This research is conducted in order to develop an information system that will close the gap of industry demands and university supplies by mapping the computer sciences student skills needed by industry and supply provided by the university with the job opportunities. For this project, the developer's team consists of 9 persons. Each of them will be responsible for the same system but in different scope. For this research, it will focus on developing the Computer Sciences Student Competency System (CSSCS) for Computer Science programs of Faculty of Computer Science and Mathematics in UiTM Shah Alam for Bachelor of Information Technology (Hons) Intelligent System Engineering (CS223) program. For the project aim, by using the standard that UiTM already have, and then comparing it with the market needs, the project will come out with the suitable competencies on how to measure students' performance in industrial training based on their technical skill. This system also aims to help the supervisor to evaluating the student for industrial training. Other than that, it also focuses on identifying the skill needed in industry and what the criteria that industry need from candidates in Science Computer field for particular job. It also helps the student to know what job that suitable for their own skills.

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# CHAPTER 1

## INTRODUCTION

This chapter focus on the details and overview of the project including the information regarding the project subject matter. In this chapter it also highlight on project background, problem statement, project aim, objectives, scope and significant of the system. It also explains the details on scope of the project for each of developer's team member.

### 1.1 General Background

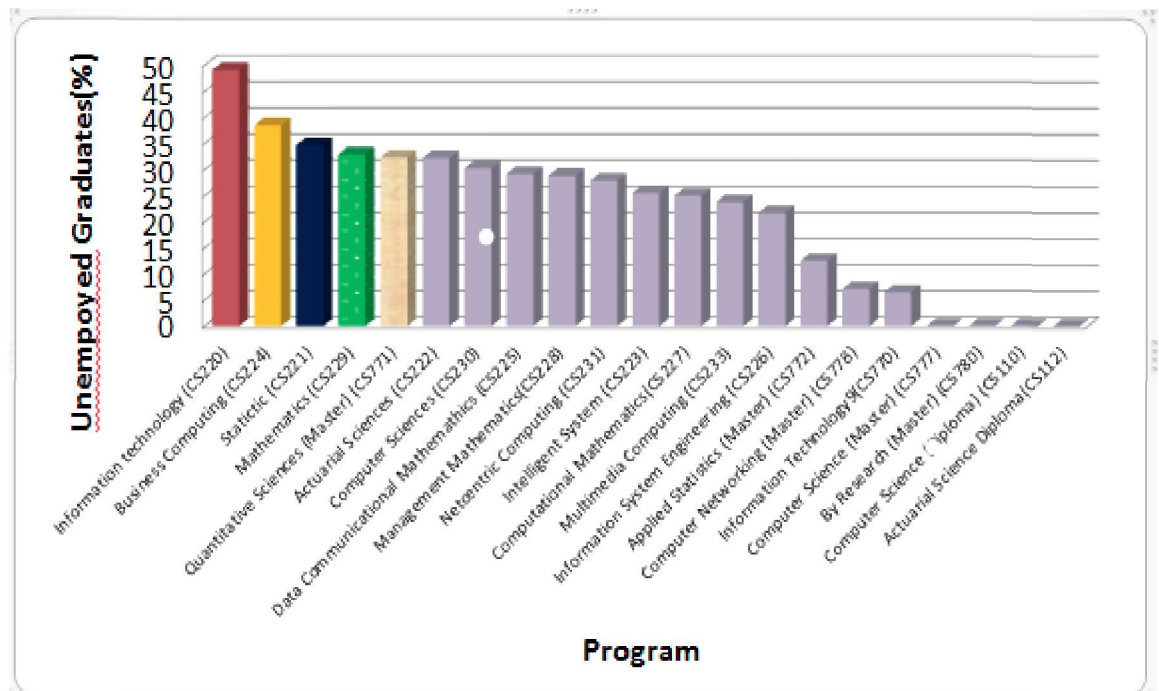


Figure 1.1: Status of Unemployed Graduates FSKM (UiTM Shah Alam) 2011