



**UNIVERSITI TEKNOLOGI MARA**

**STAFF RECRUITMENT USING EXPERT SYSTEM**

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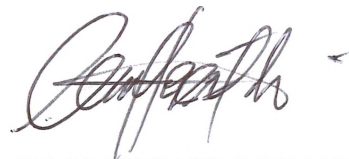
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## DECLARATION

I certify that this project and the research to which it refers are the product of my own work and that any ideas or quotation from the work of other people, published or otherwise are fully acknowledge in accordance with the standard referring practices of discipline.

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## **ABSTRACT**

Companies nowadays had to face the challenges of hiring the right talent. The main strategy for recruiting new talent that most organizations rely on now is interview. Staff Recruitment Using Expert System is designed to choose the eligible applicant for the lecturer's position at UiTM Terengganu. Expert system is one of the artificial intelligent (AI) techniques that can implement in many areas. This research is to develop a prototype of staff recruitment using expert system which inference technique had been chosen is forward chaining technique. The system will identify by using the criteria that has been set up by the admin such qualification, age, citizen, the grade of bahasa Melayu in Sijil Peperiksaan Malaysia (SPM) and compare with the criteria that has been input by the applicant. This research methodology consists of five stages which are preliminary study, knowledge acquisition and comprehension, system and rule design, system development and finally testing. The data was gathered from the Management Department in UiTM Terengganu. The system is a web-based system and developed using PHP as programming language and MySql as database tool. In future, it is recommended that the prototype can learn from experience.

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