Universiti Teknologi MARA

INFORMATION RETRIEVAL WITH COMPARING TWO MATCHING ALGORITHMS: A THESIS SUPERVISOR SYSTEM CASE STUDY

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Thesis submitted in fulfilment of the requirements for
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Faculty Of Computer And Mathematical Sciences

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SUPERVISOR'S APPROVAL

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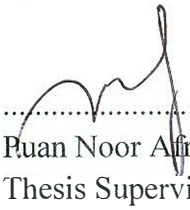
This thesis was prepared under the direction of thesis supervisor, Puan Noor Afni Deraman. It was submitted to the Faculty of Computer and Mathematical Sciences and was accepted in partial fulfilment of the requirements for the degree of Bachelor of Science (Hons) Computer Science.

Approved by,



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Puan Noor Afni Deraman
Thesis Supervisor

JANUARY, 2014

DECLARATION

I certify that this thesis 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 accordance with the standard referring practices of the discipline.

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ABSTRACT

Final year project is one of the most important subjects that must be taken by Computer Science students. This subject will improve the skills and knowledge of students during their studies at the university. To come up with the excellent result on final year project, the students must to be under a good supervisor. A good supervisor is someone who will cooperate well with the students and give the guide for the students to complete their project. Normally, each student at university must find a lecturer to become their supervisor manually. They must approach the lecturer personally to ask them to become their supervisor. This will be a waste of time and energy for students to search each of the lecturers to become a supervisor. In this research will focus on searching the lecturer based on the expertise area of the lecturer. This system will implement the two testing algorithm with information retrieval technique to search an appropriate supervisors for the students. The outcome of this implementation system will suggest the lecturers based on what the students choose as area of expertise. Besides that, this system also enables lecturers to update their information if there are any changes on it. This system will focused on students in Degree of Computer Science only. This is because, they have difficulty to choose lecturers as their supervisor and this system will help them to overcome with that problem.