SUPERVISOR'S APPROVAL

WEB-BASED STUDENT INTERNSHIP SYSTEM USING RULE-BASED APPROACH

By

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This report was prepared under supervision of project supervisor, Nor Fadilah Binti Tahar @ Yusoff . It was submitted to Faculty of Computer and Mathematical Sciences and was accepted in partial fulfillment of the requirements for the degree of Bachelor of Computer Science (Hons).

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JULAI 30, 2015

DECLARATION

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

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ABSTRACT

The internship training (IT) component in a university's curricula adds tremendous value to a degree programme by enhancing the employable skills and used to produce high-quality graduate. It is distressing to discover, however, that the process for registration of students in the IT program is still questionable and manually done. Apart from the manual selection of placement done by the student's individually, a suggested preferable list of placement among the organization is vital, in order to provide a suitable training environment for them. The purpose of this paper is to assess the process of registration of placement in the organization for the student from Universiti Teknologi Mara Melaka Kampus Jasin.. The focus of this study is placed on the process of defining the placement for the student's IT using a Ruled-Based approach. The criteria used for the approach are: student registered address, CGPA and also the company requirement for student. To achieve this, a web-based system using Coldfusion as interface and Oracle as the database have been used. The results from this system indicate that the coordinator is satisfied that the students have chosen their best placement for their IT program as per suggested by the system. The paper provides a basis for enhancing and developing effective IT practices as well as providing a reliable system to positively influence future student of the IT industry.

Keywords: Internship training, practical training, industrial training, higher learning, student;

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