

Survey on Development of Internship Communicating and Monitoring Web-Based System

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Abstract. University students are required to complete successfully the industrial training period as the essential requirement of the university to complete the degree program. For that process student, there is a position called “Industrial Coordinator” who is assigned from the university to manage and monitoring activities regarding the university student industrial training program. The Industrials coordinator is responsible person to update the university about the state of all the students during and after the industrial program. And also act as a resource person to help students to find and internships by communicating job vacancies to students and lead them to achieve the real goal of the industrial program and provide guidance to solve issues relating to the internship. All of these activities are done by the manual method in the existing system. There are a lot of problems. in the manual method when cannot keep continuous communication between the university and students therefore it hard to maintain the relationship between students and the university because of a lack of communication between those two parties. As a result of the university cannot evaluate the progress and success of the industrial training program. Because of this issue at the end of the training program both the university and the student cannot express the real accurate and updated information at the viva session. It will surely lead to a misunderstanding or/ and lack of understanding. Therefore, the university cannot take necessary action and decisions to increase the efficiency of the industrial training program. Industrial tanning is the most important a six-month training period. Universities in Sri Lanka use manuals, different kinds of ways to find an internship by the student. And there is no proper way to communicate and not centralized method to maintain student’s records to use as a recourse to take future decisions. After students leaving the university for the internship period, there isn’t a way to monitor those students by the industrial coordinator. As a solution, this paper presented a web-based internship coordinating system to overcome the identified problems from the survey in the Faculty of Computing Kotelawala Defence University, Sri Lanka. Proposed system work as an interactive tool for the faculty and students to communicate with each other whenever and wherever they want. The industrial coordinator acts as the admin of the system. The proposed system tries to integrate all the parties of the industrial training program to archive the ultimate goal of the industrial training and help everyone to perform the particular job easier and correctly.

Keywords: *Industrial Training, Web-based System*