



Employability Skills: A Web-Based Employer Appraisal System for Construction Students

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Abstract. In order to increase employability skills among construction students, industrial training is essential. These trainings should be accurately appraised to ensure effectiveness and accountability. Therefore, this study developed a Web-based employer appraisal system for construction students with a view of improving employability skills. The behavior of the web-based system was modeled using a system block diagram, use case diagram and activity diagram. Using HTML, CSS, MySQL and C-Sharp programming language the Web-based employer appraisal system was developed and presented in screenshot. Employers are able to appraise students on industrial training schemes within their firm using the platform and upload recommendation letters. The Web-based employer appraisal system ensures speed, accuracy, proper storage of appraisal information and ease of retrieval of data.

Keywords: Appraisal system · Construction students · Employability · Industrial training · Web-based system

1 Introduction

Different countries across the world are experiencing diverse levels of unemployment. While innovative steps are being taken to address the different dimensions of unemployment, higher institutions are also taking drastic steps to produce competitive students. In developing countries, university graduates that have the essential employability skills are perceived as a means of building competitive advantage and attracting more students to the institution where they graduated [1]. In the study by [2], they opined that the reputation and competence in terms of grooming employable graduates make employers of labour to approach such school for their graduates. The part played by schools of higher learning is crucial in making a graduate desirable by various organizations. This is mainly achieved through an active collaboration with the industry.

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A. Abraham et al. (Eds.): ISDA 2019, AISC 1181, pp. 612–621, 2021.

https://doi.org/10.1007/978-3-030-49342-4_59