
International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 176
Number 18

Year of Publication: 2020

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10.5120/ijca2020920020

Abstract

In this paper, framework for provision of a web based system for students’ appraisal on teaching performance of lecturers (SATP) was developed. Many existing lecturer appraisal systems are superior based and are mostly focused on administrative performances of the lecturers, thus, they prevent students that are direct recipients of lecturers’ output to voice their opinion about the teaching competencies of their lecturers. The SATP allows the students to evaluate the teaching competency and performance of lecturers and provides report about lecturers’ teaching competencies to the school management for decision making. This is with the view to improving educational quality in higher institutions in Nigeria. Domain Driven Design was employed in designing the SATP client-server architecture and its framework. Development of this framework involved the establishment of stakeholders required by the system: these included the higher institutions, lecturers and students. The detailed attributes and functions of these stakeholders as well as relationship and interaction between the stakeholders were used to gather the requirements of the SATP specified using use case diagram. Furthermore, the site
map of the SATP which explains the implementation of the framework to be designed was
detailed. The SATP design allowed for low start-up cost as it only requires a central server and
low requirement client system including mobile phones already possessed by many students. It
is believed that the system is cost effective complements to traditional lecturer appraisal system
that will allow students to voice their opinion about their lecturers’ teaching competencies.

References

591-611.


Index Terms

Computer Science
Information Systems

Keywords

Lecturer Appraisal system, Teaching Competencies evaluation system, Teaching Performance Evaluation system