Abstract

Academic programs are required to monitor, evaluate and improve in order to acquire or maintain program accreditation from standards bodies. Data collection, management, statistical analysis and result aggregation are important tasks to achieve this goal. A manual approach may result is inconsistent, redundant and poor quality data that can be avoided using web-based technologies. This paper presents design and implementation of a web-based system that collects and maintains course related information, computes metrics for assessment and continuous improvement, and generates reports that can be manipulated off-line.

References

2. “National Commission for Academic Accreditation & Assessment,”


**Index Terms**

Computer Science  
Information Sciences

**Keywords**

Web-based system, accreditation, assessment, continuous improvement, Django Framework, python.