

University quality measurement model based on balanced scorecard

Thalia Obredor-Baldovino; Harold Combita-Niño; Tito J. Crissien-Borrero; Emiro De-la-Hoz-Franco; Diego Beltrán; Iván Ruiz; Joaquin F. Sanchez; Carlos Collazos-Morales

Abstract

A Higher Education Institution (HEI) has the responsibility to track the processes through indicators that guarantee the measurement of the results in almost real time. This article presents the design of a management and quality model of the processes in a university, through the integration of a Balance Scorecard (BSC) and the implementation of an information system. For which it was required: a review of existing tracing and monitoring systems in the academic sector, definition of the requirements of the proposed technological, a diagnosis of the current measurement system of the HEI analyzed, identify measurement indicators and develop a technological tool. The designed model presents a precise and clear methodological guide that can be replicated in any HEI to monitor its processes.

Keywords

Quality measurement model; Higher education institution; Balance scorecard; Information system; Academic software; Decision making