

PROCESS MAP FOR ICT-BASED POST UNIFIED TERTIARY MATRICULATION EXAMINATION (PUTME) ADMINISTRATION SYSTEM

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ABSTRACT

Every year, the growing large population of candidates that are seeking admission into the tertiary institutions in Nigeria, present running challenges to the tertiary institutions. Particularly, the tertiary institutions are faced with the difficulties of using the existing partly manual and partly Optical Character Recognition (OMR)-based methods for the administration of the Post Unified Tertiary Matriculation Examination (PUTME). As such, some institutions have opted for computerized PUTME administration system. However, many of the tertiary institutions are outsourcing the solutions and by doing so the integrity of the results are questionable. This paper presents annotated process map (otherwise known as process flow diagram) for the two PUTME administration processes. In this case, a process is a series of steps and decisions involved in the way work is accomplished. Also, a process map is defined as a standardized approach that uses a common language that combines both simple graphics and few words to describe processes. The annotated process map is developed so that the processes can be managed and improved in such a way that key stakeholders can afford to contribute to the management and improvement efforts. That invariably means describing a process from a human perspective rather than from mere logic, or computer perspective. The process maps presented in this paper are meant to provide a better understanding of the PUTME processes with a view to improving the processes and to facilitate the development of in-house solution in the various tertiary institutions in Nigeria.

Keywords: PUTME; AFCIBES; Process Maps; Optical Character Recognition; Examination System.