ABSTRACT

We propose a new system called Clinical Content Tracking System (CCTS) that is a pre-component of a Computerized Physician Order Entry (CPOE) system. CCTS is a tool that helps physicians build clinical contents, in an electronic format, that will be then used in the CPOE system. This system allows users to track their orders, at which stage the order stands, and the current status of the order. This system records every possible action, approval, and rejection made to any order made by the physician. Moreover, a working product can be made of a request in a relatively faster pace. CCTS, the ability of gathering, computing and analyzing data with just a few clicks is very feasible. This will facilitate gathering information and transform data in the system to statistics and hence, maximize efficiency on the managerial level. The main motivation behind this research is to develop an adaptive system that can be configured or customized to meet the needs of various health institutes.