



THE ICT ROLE IN HOSPITAL ADMINISTRATION PRACTICE

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ABSTRACT

Bangladesh is one of the world's over-populated countries. With the vision 'Digital Bangladesh by 2021', Bangladesh has been seeking development of the larger population through technology, providing opportunity for e-governance, e-social equity, e-education, e-healthcare, e-climate change. The present Government has consider ICT as a driving force for socio-economic development of the country. Digitalization of the country facilitates of Information and Communication Technology (ICT) from urban to rural, almost every sector in Bangladesh. In this region, the healthcare sector is under developed and communication technology has not been substantially implemented to improve its quality. By using Information and Communication Technology (ICT), our proposed several ideas to bring the benefits of better healthcare in Bangladesh's hospital management Practices. This paper explores how to find a coordinating and combining solution to current hospital management related problems in Bangladesh through case studies and literature review. We also explored the feasibility of a solution with improve cost-effectiveness and increase patient satisfaction through the implementation of a Digital Patient Status Card system. A Smartphone Application was also considered that gave patients up-to-date information about hospitals and its facilities throughout the country. The Objective of the study is to find data that suggest implementation of digital hospital management system based on smart ID cards and Smartphone Applications to recognize and eradicate existing hospital administration related problems which in turn will improve the overall health care system.

Keywords: *ICT; Hospital Administration; Bangladesh*