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RESEARCH ARTICLE

CONDITIONAL PRIVACY PRESERVING SECURITY PROTOCOL FOR NFC APPLICATION

¹V.Gowri, ²F.W.JESUDAS, ³M.Sherwin Nayanar

¹MTech Scholar, Department of Information and Technology
Hindustan University, Chennai, TamilNadu, India
Gowri.v6@gmail.com

²Associate Professor, Department of Information and Technology
Hindustan University, Chennai, TamilNadu, India
wjesudas123@gmail.com

³MTech Scholar, Department of Information and Technology
Hindustan University, Chennai, TamilNadu, India
sherwin1233@gmail.com

ABSTRACT

The mainstay of this project is to propose a mobile ward round system based on openEHR standards for the use on smart phones and tablet computers using the Android platform which integrates and uses NFC to explore new ways of computer interaction, data processing and workflows in the medical world. Based on the automatic patient identification via NFC using the mobile device, physicians can easily view recent ward round results and edit/add information without manually selecting the patient from a list. Relying on the open EHR standard, physicians are not limited to a certain ward round document anymore but can define their own ward round templates by means of the open EHR templates and archetypes.

Index Terms- NFC, openEHR, data processing.

Full Text: <http://www.ijcsmc.com/docs/papers/February2014/V3I2201433.pdf>