Abstract

The combined benefits of smart card to support mobility in a pocket coupled with the ubiquitous access of web technology, presents a new paradigm for medical information access system. The paper describes the framework of Java Card Web Servlet (JCWS) that is being developed to provide seamless access interface between a web browser and a Java enabled smart card. Importantly, the smart card is viewed as a mobile repository of web objects comprising of html pages, medical data objects and, record browsing and updating applet. As the patient moves between hospitals, clinics and countries, the mobility of the smart card database dynamically binds to the JCWS framework to facilitate a truly ubiquitous access and updating of medical information via a standard web browser interface.

References
Convergence of Health Information as an Economic Driver for Adoption of Smart Card

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Index Terms
Computer Science
Emerging Trends in Technology

Keywords
Smart Card Web Medical Health