RESEARCH ARTICLE

A SECURE AND CONFIDENTIALITY STRATEGIC COMPUTING ORGANIZATION FOR MOBILE-HEALTHCARE EMERGENCY

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ABSTRACT: With the advancement of mobile phones especially smart phones and the Wi-Fi connected systems, mobile Healthcare (m-Healthcare) makes the better utilization of health monitoring programs, which are attracted often. We propose a secure and confidentiality strategic computing organization (SCSCO) for m-HealthCare emergency. With this approach, smart phone plays computing power of energy and the way to gather and process personal health information (PHI) on m-Healthcare emergency. We implemented an efficient privacy access in SCSCO's framework, in this project, we propose the key generation to generate a session id between the client and server to transfer medical data for our needs and also proposed k-nearest algorithm. We also propose to get the data using hardware device. Integrate the emergency evacuation plan to generate the appropriate data to the service center. We implemented decryption method of AES-algorithm for effective results. In addition, performance evaluation via SCSCO's effectiveness for providing high-reliable-PHI process and minimizing the privacy during m-Healthcare emergency.

Keywords: Smart phones, Wi-Fi, m-Healthcare, process personal health information

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