



RESEARCH ARTICLE

Design of Encounter-Based Social Network in Mobile Application

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Abstract— The mobile social networks are likely to a large extent enhance interaction with mobile users and shared the information in encounter-based social network. In this encounter traditional social network as opposed users abuse the information's. So this new approach challenges network basically different by previous social network designs. In this paper, we propose design for encounter-based mobile social network using security for location and encounter privacy. Here also we explore different requirements for these new systems. We present a system by which devices who shared a physical location and time can be matched by a central server. To highlight of these challenges network it was designed for specifically secure centralized server. Centralized servers cannot always be relied upon to protect data confidentially. So we describes the design of SMILE, is secure for a privacy-protection “missed-connections” service for mobile users. It also provides services using mobile devices without relying on trusted coordinating server. Here SMILE design using key exchange protocols. We develop cryptography hash technique for protect the information through the mobile application. This paper presents a design of secure encounter-based social network by implementing in android application called MeetUp.

Keywords— Social networks; Location-based services; Privacy

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