

Abstract Wireless communication with Mobile Terminals has become popular tools for collecting and sending information and data. The major reasons for this may be grounded in the ease of use, the negligible learning effort to be able to use it, the universal availability, and that literally everyone has a phone device uses it and can be contacted and share information and Multimedia via messages. We demonstrate that our simple technique can first, ensure extracting groups effectively according to the descriptive attributes and second send SMS effectively and can help combat unintentional spam and preserve the privacy of mobile numbers and even individual identities. Sending individual SMS messages to long list of mobile numbers can be very time consuming, and face problems of wireless communications such as variable and asymmetric bandwidth, geographical mobility and high usage costs and face the rigidity of lists. A recipient group is automatically identified based on personal information (interests, work place, publications, social relationships, etc.) and behavior based on a populated ontology created by integrating the publicly available FOAF (Friend-of-a-Friend) documents. This paper proposes a technique that assures sending the message to semantically specified group of recipients. The technique provides fast, effective, and dynamic solution to save time in constructing lists and sending group messages which can be applied both on personal level or in business.

INTRODUCTION Despite sophisticated collaboration environments being around for a long time already, SMS is still the main means for distributed collaboration. Mobile numbers are a means to send SMS, but sending individual personalized SMS messages to long predefined list of customers. With mobile communication comes the Short Message Service (SMS) technology which is an ideal way to stay connected with anyone, anywhere anytime to help maintain business relationships with customers.

Keywords: Wireless Communication, Short Message Service, FOAF, J2ME

1. Telephone numbers, like email addresses, are opaque identifiers. People still use it for maintaining to-do lists, tracking, organization, etc.