

Kumbh Mela Missing People Location using Geo-Fencing

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Abstract: *Millions of people visit the kumbha mela every year and with the enormous crowds of attendees at the event it is quite easy for someone to get separated from their group of friends or family members. This paper will discuss using Geo-fencing and GPS tracking to assist in locating missing individuals as quickly as possible. Geo-fencing involves creating virtual barriers around specific locations and when an individual crosses these barrier lines, the system automatically sends out alerts to the organizers of the event as well as to a family member of the missing person. The intention of the Geo-fencing based system will be to provide a quicker and easier method to find the lost person, which will increase the overall level of safety during the kumbha mela event. Furthermore, this paper will discuss the positives and negatives of using Geo-fencing technology in addition to the privacy implications of its use.*

Keywords: Geo-fencing, Missing persons tracking, GPS tracking, Location-based services, Crowd management.