

Emergency Alerting System with Location Tracking and SMS Alerting

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Abstract: *In today's world, people using smart phones have increased rapidly and hence, a smart phone can be efficiently used for personal security or various protection purposes. This existing paper presents Sahayya Android Application for Emergency Alerting. This revolutionary application offers a seamless solution for activating emergency notifications with a single click, enabling a quick reaction in times of need. The app aims to address the importance of alerting mechanisms during unexpected situations by acting as a vital link in the chain of crisis communication. The one-click activation function emphasizes the application's user-friendliness, making it accessible to a wide spectrum of people, regardless of technical ability. In times of crisis, the capacity to transmit timely information is critical, and this application aims to streamline and speed the alerting process for enhanced safety and minimized impact during emergencies. A single on this application identifies the location of place through GPS and sends a message comprising the location URL, to the registered contacts. Information of the victim is sent via SMS (Short Message Service) which helps to find the location of the victim quickly and can be rescued safely*

Keywords: safety, alert messages, android app, Global Positioning System (GPS).

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