

A SOFTWARE FOR DISASTER ALERT AND FAMILY PREPAREDNESS MANAGEMENT SYSTEM

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ABSTRACT

Disasters not only harm human property and life, but also affect the human mind and soul. In this research, we studied how a software project improves disaster management by providing early warning alerts, ensuring readiness, and managing emergency kits for families and communities. This software is a mobile and web-based application that automatically notifies users, family, and society, and any user can also send an alert to the family and society about potential disaster threats like floods, earthquakes, or fires. In this software, we are using the government APIs to get the information about any disaster, and the software communicates with the users and their relatives, and society to alert them and prepare the disaster management kit.

KEYWORDS: *Disaster Management, Early Warning System, Preparedness, Family Safety.*

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