

Earthquake Relief Management System for Victims and Donors
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ABSTRACT

Earthquake are natural disaster that pose significant risks to human life, infrastructure, and socioeconomic stability. Developing an effective *earthquake management system* is crucial for minimizing the devastating impacts of these events. This project is aimed at building a system that is used to regulate and supervise every activity during disaster management such as *earthquake disaster* data, posts scattered at the scene, recorded and identified victims, distribution of needs and logistics for victims.

The system developed is a web-based system for managing the process of *earthquake disaster management* in the information section via a web application. This system aims to minimize delays in accessing information during earthquake response. This needs to be considered because this process requires fast and precise action because this concerns human safety. This can be done by providing fast and precise access to information, where previously access to information was only available on platforms that are widely used and of course the information obtained from there has very low accuracy, even in the worst situations, the information obtained may not match the actual conditions. Apart from its use as access to information, this system also has an easy-to-understand interface so that this is not an obstacle to spreading and obtaining information.

Keywords: *earthquake, web application, management system, information system*