ABSTRACT

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Application that can show information about earthquake position and camp of disaster with visual that contain realtime data and history data is a web based technology. Centre of Volcanology and Geological Hazard Mitigation is a unit inside Volcanological Survey of Indonesia, which the job is for making policy, standardization, technical guidance and evaluation volcanology and geological hazard mitigation. There is any system that can manage earthquake data and disaster camp data at Centre of volcanology and geological hazard mitigation. This situation make the information cannot reach by the people.

The method to build the system that writer use is waterfall method. This method is activity sequence for build the system start from requirements definition, system and software design, implementation and unit testing, integration and system testing, operation and maintenance. To build this application is using PHP script, MySQL database and MapServer for the web server. This application produce information that can make benefit for the people.

From research that have a purpose to build this application, hopefully this application can make a benefit information for the people as soon as possible and accurate.

Keyword: System, waterfall, information