

## ABSTRACT

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*Reporting fire in Damkar Bandung Regency still has several obstacles that must be above that are the reporter did not specify the full address so that the firefighters found it difficult to get to the location of the fire and could lead to the wrong location of the target or destination. Besides that, in making the report it is still not efficient, then in the construction of a fire reporting application (Panic Button) it has functionality such as reporting on traffic, seeing routes, inputting report, report updates, and seeing graphs of fire reports. The method used in the construction of fire reporting in Bandung Regency Damkar is SDLC with the Waterfall model, using PHP, Java and Javascript programming languages. The framework used by codeigniter with MySQL database and testing using Black Box Testing. So that it is expected that fire reporting in Bandung Regency Damkar can run efficiently and effectively.*

*Key Words: Application, Fire, Waterfall, PHP*