

ABSTRACT

“DISAESTER COMPLAINT INFORMATION SYSTEM AT THE SERAYU CITANDUY WATER RESOURCES MANAGEMENT AGENCY (PSDA) BASED ON WEBSITE”

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The Serayu Citanduy Water Resources Management Agency is a government agency engaged in water resource conservation, water resource utilization and water damage control on surface water sources. PSDA has a disaster complaints program to conduct site reviews and provide assistance in overcoming the disaster. In the disaster complaint process, it is done manually and there are several obstacles, namely the difficulty of data collection, complaints are not recorded perfectly, it is difficult to find data, there is often double recording and mismatch of whistleblower data, and data loss. The purpose of this study is to design and build a Disaster Complaints Information System at the Serayu Citanduy Water Resources Management Service (PSDA) which uses a database as a data storage medium that can facilitate data search, creation and storage, and replace the use of a manual complaint system. The system development method used is the Agile system development method and for design in this study using UML, interface design to coding using PHP. Based on the blackbox test results, this system can be used properly. This system can be run as expected as input for the Serayu Citanduy Water Resources Management Agency.

Keywords: *Agile, Disaster Complaints, Water Resources Management Agency, Website*