ABSTRACT

Hendrian, 92219060

ANALYSIS OF ON-CALL FUND APPLICATION DEVELOPMENT USING THE PIECES METHOD (Case Study: Emergency Response Directorate - National Disaster Management Agency).


Keywords : PIECES, SDLC, Waterfall, DFD, ERD, GTmetrix, Sucuri.

The increasing number of disasters has led to an increase in requests for On-Call Fund (DSP) submitted by the Regional Disaster Management Agency (BPBD) to the National Disaster Management Agency (BNPB).

The Directorate of Emergency Response - BNPB has already had an On-Call Fund application system to serve BPBD in applying for On-Call Fund. But there are some obstacles in using the On-Call Fund application due to the development of organizational needs, so that not all business processes that are currently running can be served by On-Call Fund application.

Along with the high number of disasters that occur and the rapid development of technology, this condition must be immediately addressed by the Emergency Response Directorate - BNPB by evaluating the application of On-Call Fund.

PIECES analysis results show that the application of On-Call Fund (DSP) has deficiencies in every variable such as performance, information, economics, control, efficiency, and service. Based on the results of the analysis, it illustrates that improvement and development of the On-Call application website is needed to meet the current needs of users and organizations.

Bibliography (2001 - 2018)