ABSTRACT

WEB DEVELOPMENT ON PASS COMMUNITY RADIO 107.8 FM KATAPANG BANDUNG

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Pass Community Radio is a radio owned by Katapang sub-district which is located at Katapang-Andir street No. 45 Bandung regency. Pass Community Radio is using 107.8 FM for its frequence with maximal range of approximately 5 KM from the transmitter. The problems is the restriction of transmitter by the government. It causes the limitation of radio coverage. Whereas beyond the reach of many residents who want to listen the radio and communicate directly with the announcer. Finally listeners want to be made audio streaming and video streaming from the radio but this radio itself have not been able to provide these facilities. To encounter these problems, it is advisable to replace the original website which is used wordpress with a new website.

In process of development the websites from pass community radio using waterfall model, techniques of analysis which was used for the development of this software is structured analysis method, to describe the data model using ERD (Entity Relationship Diagram) and for functional model using DFD (Data Flow Diagram).While programming language which was used in this research is PHP with MySQL as database server.

Based on the testing that has been done the website could facilitate the listeners outside frequency range through audio streaming and video streaming. So people can interact with the announcer.

Keywords : radio, website, audio streaming, video streaming.