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**SISTEM INFORMASI *MONITORING* ANGGOTA *TV CLUB* PADA WPiTV
INSTITUT WIDYA PRATAMA PEKALONGAN**

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ABSTRAK

WPiTV atau yang disebut “Widya Pratama Internet Television” adalah organisasi broadcasting yang dimiliki oleh kampus Institut Widya Pratama Pekalongan yang berdiri sejak 15 Mei 2013 dan beralamat di Jl. Patriot No.25, Dukuh, Kec. Pekalongan Utara, Kota Pekalongan, Jawa Tengah 51146. WPiTV masih menggunakan metode manual dalam melakukan monitoring dan manajemen crew, seperti pencatatan data anggota TV Club, penjadwalan kegiatan, dan tidak adanya pencatatan keaktifan anggota dalam setiap kegiatan seperti OnAir maupun event lainnya hal ini menyebabkan Kepala WPiTV maupun Tim Inti mengalami kesulitan untuk mengetahui sejauh mana keaktifan setiap anggota TV Club yang berkaitan dengan pemberian PointBook setiap semesternya. Untuk itu, dibuatlah sebuah Sistem Informasi Monitoring Anggota TV Club. Pengembangan Aplikasi ini menggunakan metode waterfall dengan tahapan yaitu communication, planning, modelling, construction, deployment. Aplikasi berbasis web ini dirancang dengan menggunakan Framework CI4(Code Igniter 4) dan Bahasa pemrograman PHPL. Pengujian sistem ini menggunakan Black Box, White Box dan User Acceptance Test (UAT). Melalui tahap pengembangan dan pengujian pada sistem tersebut, maka dihasilkan Sistem Informasi Monitoring Anggota TV Club pada WPiTV yang efektif dan dapat digunakan untuk mempermudah pencatatan kegiatan dan monitoring Anggota TV Club.

Kata kunci: Sistem Informasi, *Monitoring*, *Website*, *TV Club*, *Waterfall*

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INFORMATION SYSTEM FOR MONITORING TV CLUB MEMBERS AT WPiTV

INSTITUT WIDYA PRATAMA PEKALONGAN

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ABSTRACT

WPiTV, also known as “Widya Pratama Internet Television,” is a broadcasting organization owned By Institut Widya Pratama Pekalongan. Established on May 15, 2013, it is located at Jl. Patriot No. 25, Dukuh, North Pekalongan District, Pekalongan City, Central Java 51146. Currently, WPiTV relies on manual methods for monitoring and managing its crew, including recording TV Club member data, scheduling activities, and tracking member participation in events such as On-Air sessions or other activities. This manual system poses challenges for the Head of WPiTV and the Core Team in assessing the activeness of TV Club members, particularly concerning the distribution of semesterly PointBook. To address these challenges, a TV Club Member Monitoring Information System was developed. The application was designed using the waterfall development methodology, which includes the stages of communication, planning, modeling, construction, and deployment. This web-based application was built using the CodeIgniter 4 (CI4) framework and the PHP programming language. System testing employed Black Box, White Box, and User Acceptance Testing (UAT). Through the development and testing stages, the resulting TV Club Member Monitoring Information System for WPiTV proved effective in simplifying activity recording and member monitoring processes.

Keywords: *Information System, Monitoring, Website, TV Club, Waterfall*