

INTISARI

SISTEM INFORMASI JOGJA SCIENCE TRAINING BERBASIS WEB

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Jogja Science Training merupakan lembaga pendidikan yang bergerak dalam pembinaan olimpiade sains dan berpusat di Yogyakarta. Dalam kegiatan pembinaan, kebanyakan para siswa bimbingannya kesulitan dalam mendapatkan materi – materi yang diinginkan. Begitu pula dengan siswa yang ingin mengikuti kegiatan *tryout* yang diharapkan harus datang ke lokasi. Selain itu media promosi yang digunakan pada lembaga tersebut dirasa masih kurang karena hanya menggunakan brosur dan *banner*.

Sistem informasi ini dibangun menggunakan bahasa pemrograman PHP, Framework CodeIgniter, basis data MySQL dan Twitter Bootstrap dalam pembuatan antarmuka. Sistem yang dibangun tersebut menyediakan layanan berupa pengelolaan konten website sebagai media promosi, pengelolaan materi untuk pembinaan, dan pengelolaan kegiatan *tryout* yang dapat diikuti oleh pengguna baik *member* maupun *non member*.

Berdasarkan hasil penelitian dan pengujian, sistem informasi Jogja Science Training telah berhasil memudahkan para siswa mendapatkan materi pembinaan dan mengikuti kegiatan *tryout*. Selain itu sistem juga berhasil meningkatkan promosi pada lembaga pendidikan Jogja Science Training.

Kata kunci: Jogja Science Training, sistem informasi, olimpiade sains, *tryout*, materi pembinaan, media promosi.



ABSTRACT

WEB-BASED INFORMATION SYSTEM OF JOGJA SCIENCE TRAINING

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Jogja Science Training is an educational institution concerned in fostering science olympiad and centered in Yogyakarta. In their activities, most students were having difficulties in getting the course material. Similarly, students who wish to take part in the tryout are expected to come to the location. Besides the media campaign that used at the institution is inadequate as it only uses brochures and banner.

The information system is built using PHP programming language, Framework CodeIgniter, MySQL database and bootstrap in making the interface. The system is built to provide services such as website content management as a promotional tools, course material management in fostering the students as well as tryout activities management that can be followed by both member and non-member users.

Based on the results of this research, the information systems of Jogja Science Training has successfully facilitate the students in order to get the course material and follow the tryout activities. In addition, the system also managed to increase the promotion of the education agency of Jogja Science Training.

Keyword: Jogja Science Training, information system, science olympiad, tryout, course material, promotional tools



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