



INTISARI

PENGEMBANGAN SISTEM INFORMASI JOGJA SCIENCE TRAINING VERSI 2.0

Oleh:

LS GILAS RAAFI ABADI

15/386064/SV/09450

CV Jogja Science Training merupakan lembaga pendidikan yang bergerak di bidang pembinaan olimpiade sains yang berpusat di Yogyakarta. Pembinaan meliputi 9 bidang olimpiade sains yaitu: Matematika, Fisika, Kimia, Biologi, Geografi, Kebumihan, Astronomi, Komputer, dan Ekonomi. Sistem yang sudah dibangun di CV Jogja Science Training sebelumnya mengalami permasalahan yaitu domain dan hosting lupa diperpanjang sehingga menyebabkan *source code website* hilang dan pada akhirnya *website* tersebut menggunakan *source code* yang belum final dan masih terdapat banyak *bug*. Selain itu, *user member* masih terdaftar secara umum, belum lebih dikhususkan berdasarkan bidang perlombaan tertentu sehingga fitur antara satu *user* dengan yang lain masih sama.

Berdasarkan permasalahan tersebut, perlu adanya pengembangan dari sistem informasi sebelumnya untuk mengatasi masalah *bug* yang ada serta tingkat koresponsifan *website* jika diakses melalui *mobile*. Selain itu, perlu adanya beberapa fitur tambahan, seperti fitur forum dan *live chat* yang memudahkan *user* dalam berdiskusi maupun berbagi informasi. Pengembangan Sistem Informasi Jogja Science Training Versi 2.0 dikembangkan dengan menggunakan bahasa pemrograman PHP, *framework* CodeIgniter, serta MySQL sebagai basis datanya.

Pengembangan Sistem Informasi Jogja Science Training versi 2.0 sudah berhasil dikembangkan dan dilakukan uji coba serta layak digunakan. Tujuan dari pengembangan sistem informasi tersebut yaitu untuk menyempurnakan sistem yang telah dibangun sebelumnya sehingga memudahkan *user* dalam mengakses dan mencari kebutuhannya dalam sistem CV Jogja Science Program, serta dapat diakses secara *online* dengan memanfaatkan jaringan internet yang sudah ada.

Kata kunci : Aplikasi Web, CodeIgniter, PHP dan MySQL.



ABSTRACT

DEVELOPMENT INFORMATION SYSTEM OF JOGJA SCIENCE TRAINING SECOND VERSION

By:

LS GILAS RAAFI ABADI

15/386064/SV/09450

CV Jogja Science Training is an educational institution engaged in the field of science olympic development placed in Yogyakarta. This institution covers 9 science olympic fields which are, Mathematics, Physics, Chemistry, Biology, Geography, Earth Science, Astronomy, Computer Science, and Economics. The prior system that has been built in CV Jogja Science Training have a problem that the domain and hosting forgot to extend, so the source code of the website is lost and in the end the website use the unfinished source code which there are still many bugs there. In addition, user members are still listed in general, not specifically on certain fields so that features between one user with another is still the same.

Based on these problems, the development of previous information system to overcome the existing bugs and responsiveness of the website accessed via mobile are important. In addition, the need for additional features such as forums and live chat also important, so the system can facilitate members in discussion or share information to each other through the system. Jogja Science Training Version 2.0 was developed by using PHP programming language, CodeIgniter framework, and MySQL as its data base.

Development of Jogja Science Training Version 2.0 has been successfully developed and tested, so it is feasible to use. The purpose of the development of this information system is to improve the system that has been built earlier, so it can facilitate user in accessing and finding their needs in the system CV Jogja Science Program online by utilizing the existing internet network.

Keywords: Web Application, CodeIgniter, PHP and MySQL.