

ABSTRACT

TITLE : E-LEARNING DESIGN AT DHARMASRAYA ISLAMIC BOARDING SCHOOL USING PHP PROGRAMMING LANGUAGE AND MYSQL DATABASE

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STUDY PROGRAM : INFORMATION SYSTEMS

LEVEL : STATE ONE (S1)

EDUCATION

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Darussalam Dharmasraya Islamic Boarding School is one of the Islamic boarding schools that stands in Nagari Sungai Duo, Sitiung District, Dharmasraya Regency, West Sumatra. Through direct research to Darussalam Dharmasraya Islamic Boarding School which has found problems in the teaching and learning process that has not been effective and also has not utilized E-learning media in the current technological era, so it is necessary to design E-learning media at Darussalam Dharmasraya Islamic Boarding School. The next stage is solving problems with UML modeling such as Use Case Diagrams, Class Diagrams, Activity Diagrams and Sequence Diagrams. The ultimate goal of this modeling is to design output, input and file models so that all the steps that have been made are proven, an application program is made in the PHP programming language and MySQL database. Hopefully this application is in accordance with the targets set. In this writing the method used is Field Research, Interviews, Library Research, and Laboratory Research.

Keywords: E-learning, PHP, and MySql

ABSTRAK

JUDUL : **RANCANG BANGUN E-LEARNING DI PONDOK PESANTREN DARUSSALAM DHARMASRAYA MENGGUNAKAN BAHASA PEMROGRAMAN PHP DAN DATABASE MYSQL**

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PROGRAM STUDI : **SISTEM INFORMASI**

JENJANG : **STRATA SATU (S1)**

PENDIDIKAN

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Pondok Pesantren Darussalam Dharmasraya merupakan salah satu pondok pesantren yang berdiri di Nagari Sungai Duo Kecamatan, Sitiung Kabupaten Dharmasraya, Sumatera Barat. Melalui suatu penelitian langsung ke Pondok Pesantren Darussalam Dharmasraya yang telah ditemui pemarsalahan dalam proses belajar mengajar yang belum efektif dan juga belum memanfaatkan media E-learning di era teknologi saat ini sehingga perlu dirancang media E-learning di Pondok Pesantren Darussalam Dharmasraya. Tahap selanjutnya dilakukan pemecahan masalah dengan pemodelan uml seperti Use Case Diagram, Class Diagram, Activiti Diagram dan Squence Diagram. Sasaran akhir dari pemodelan ini yaitu dengan merancang model output, input dan file agar terbukti semua langkah-langkah yang telah dispesikasikan maka dibuatlah suatu program aplikasi dalam bahasa pemrograman PHP dan Data base MySql. Semoga aplikasi ini sesuai dengan target yang telah ditetapkan. Dalam penulisan ini metode yang digunakan adalah Penelitian Lapangan, Wawancara, Penelitian Perpustakaan, dan Penelitian Laboratorium.

Kata Kunci: E-learning, PHP, dan MySql