

## ABSTRAK

### SISTEM INFORMASI MONITORING GURU DAN SANTRI BERBASIS WEB MENGGUNAKAN METODE AGILE UNTUK OPTIMALISASI PROSES BELAJAR MENGAJI

oleh

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Askar Kauny merupakan suatu yayasan atau lembaga non profit yang bergerak di bidang sosial dan pendidikan dan memfokuskan diri pada pembinaan dan pengembangan ilmu Alquran, khususnya Tahfizhul Quran dan beralamat di Jl. Sultan Agung No.45, Sepang Jaya, Kec. Kedaton, Kota Bandar Lampung, Lampung 35128 serta memiliki jumlah peserta didik 234 santri dan 11 guru.

Permasalahan seperti proses pendataan yang dilakukan masih secara pembukuan dan rekap menggunakan media *excel*, sehingga hal tersebut dapat mengakibatkan kesalahan dalam proses pendataan data santri, data nilai dan hafalan. Proses rekap nilai santri secara berulang berdampak pada keterlambatan penyampaian laporan nilai santri kepada pihak santri. Permasalahan lain yang timbul akibat rekap pada aplikasi *excel* yaitu kehilangan dan kerusakan file serta dapat dengan mudah dimanipulasi dan disalahgunakan oleh pihak yang tidak bertanggung jawab.

Sistem yang dihasilkan berupa sistem monitoring guru dan siswa berbasis *web* dan dibangun menggunakan bahasa pemrograman PHP serta *database* Mysql. Hasil sistem yang digunakan admin dapat memberikan kemudahan untuk mengelola data santri dan bagian pengajar mempermudah pengolahan data nilai serta melihat laporan rekap nilai secara keseluruhan. Informasi monitoring bagi guru yaitu dapat mempermudah melakukan pengolahan data nilai dan hafalan serta santri dapat melihat secara online hasil penilaian guru pengajar

**Kata Kunci :** Sistem, Informasi, Monitoring, Guru, Santri, *Web*, *Agile*.

## ABSTRACT

### **WEB-BASED TEACHER AND STUDENT MONITORING INFORMATION SYSTEM USING AGILE METHODS TO OPTIMIZE THE TEACHER LEARNING PROCESS**

by:

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*Askar Kauny is a foundation or non-profit institution that operates in the social and educational fields and focuses on fostering and developing the science of the Koran, especially Tahfizhul Koran and is located at Jl. Sultan Agung No.45, Sepang Jaya, Kec. Kedaton, Bandar Lampung City, Lampung 35128 and has a total of 234 students and 11 teachers.*

*Problems such as the data collection process which is still carried out by bookkeeping and recapping using Excel media, so this can result in errors in the data collection process of student data, value data and memorization. The process of repeatedly recapping students' grades has an impact on delays in submitting student grades reports to the students. Another problem that arises due to recaps in the Excel application is file loss and damage and can be easily manipulated and misused by irresponsible parties.*

*The resulting system is a web-based teacher and student monitoring system and was built using the PHP programming language and MySQL database. The results of the system used by the admin can make it easy to manage student data and the teaching section makes it easier to process grade data and view overall grade recap reports. Monitoring information for teachers can make it easier to process grades and memorization data and students can view online the results of teacher assessments*

**Keywords:** *System, Information, Monitoring, Teacher, Students, Web, Agile.*