

ABSTRAK

Sistem informasi keuangan pada Pesantren merupakan sistem yang dapat digunakan dalam hal mencatat, mengumpulkan, mengelola dan menyimpan data keuangan sebuah Pesantren. Sistem informasi tersebut dapat mempermudah pembayaran Syahriyah (bulanan), Penginputan biodata santri, pencatatan transaksi santri dan pelaporan keuangan santri. Pondok Pesantren Nurul Amanah merupakan lembaga Pendidikan islam yang masih mengelola keuangan secara manual. Hal tersebut berpotensi pada kesalahan input data, proses pelaporan keuangan yang membutuhkan waktu lama, dan permasalahan pada kehilangan uang santri. Dari permasalahan tersebut dapat ditawarkan solusi yaitu merancang sistem informasi keuangan sesuai standar internasional ISO/IEC/IEEE 29148:2018. Standar tersebut dinilai memiliki panduan yang mengatur proses pengembangan perangkat lunak. Standar ini mencakup aspek-aspek seperti pengertian *Software Requirements Specification* (SRS), tujuan dan manfaat SRS, konten yang harus ada dalam SRS, dan proses pembuatan SRS. Pengambilan data dilakukan dengan wawancara pada pemangku kepentingan yang ada di Pondok Pesantren Nurul Amanah. Penelitian ini menghasilkan sebuah dokumen SRS yang berisi empat bagian yaitu *Introduction*, *Requirements*, dan *Appendices* berdasarkan standar ISO/IEC/IEEE 29148:2018. Bagian *Introduction* berisi *purpose*, *scope*, *product overview*, dan *definitions*. Bagian *Requirement* berisi hasil perancangan sistem yang divisualisasikan dengan *use case diagram*, *Activity Diagram*, *sequence diagram*, dan *Class Diagram*. Bagian terakhir yaitu *Appendices* yang berisi asumsi dan keterantungan perangkat lunak terhadap sistem eksternal.

Kata Kunci: Sistem Informasi Keuangan, ISO/IEC/IEE 29148:2018, Pesantren.

ABSTRACT

The financial information system in Islamic Boarding Schools is a system that can be used to record, collect, manage and store financial data of an Islamic Boarding School. This information system can facilitate the payment of Syahriyah (monthly), input of student biodata, recording of student transactions and reporting of student finances. Nurul Amanah Islamic Boarding School is an Islamic educational institution that still manages finances manually. This has the potential for data input errors, a financial reporting process that takes a long time, and problems with losing student money. From these problems, a solution can be offered, namely designing a financial information system according to the international standard ISO/IEC/IEEE 29148:2018. This standard is considered to have guidelines that regulate the software development process. This standard covers aspects such as the definition of Software Requirements Specification (SRS), the purpose and benefits of SRS, the content that must be in SRS, and the SRS creation process. Data collection was conducted by interviewing stakeholders at the Nurul Amanah Islamic Boarding School. This study produced an SRS document containing four parts, namely Introduction, Requirements, and Appendices based on the ISO/IEC/IEEE 29148:2018 standard. The Introduction section contains the purpose, scope, product overview, and definitions. The Requirements section contains the results of the system design visualized with use case diagrams, Activity Diagrams, sequence diagrams, and Class Diagrams. The last section is the Appendices which contains assumptions and software dependencies on external systems.

Keywords: *Financial Information Systems, ISO/IEC/IEEE 29148:2018, Islamic Boarding School.*