

ABSTRAK

Penelitian ini bertujuan untuk mengimplementasikan back-end sistem informasi manajemen umrah pada PT. Ajwa Tour menggunakan metode Rapid Application Development (RAD). Metode ini dipilih karena proses pengembangan dilakukan oleh tim kecil, dalam waktu yang relatif singkat, serta membutuhkan komunikasi intensif dengan pengguna yang belum memiliki gambaran sistem yang diinginkan. Sistem dikembangkan menggunakan framework Laravel dan diuji menggunakan metode Blackbox Testing. Fitur utama yang dikembangkan meliputi login, pendaftaran, pengelolaan data jamaah, pembayaran, pembatalan paket, laporan data, kelola paket umrah, keberangkatan, data sales, berita, FAQ, data user, serta logout. Pengembangan dilakukan dalam dua iterasi, dengan penambahan fitur pembatalan keberangkatan, cetak laporan, dan manajemen user pada iterasi kedua berdasarkan kebutuhan operasional. Hasil pengujian menunjukkan bahwa seluruh fungsi berjalan dengan baik (100%), sehingga sistem dinilai layak dan mendukung kebutuhan pengelolaan umrah di PT. Ajwa Tour.

Kata Kunci: Sistem Informasi Manajemen, Umrah, *Back-End*, *Rapid Application Development*, Laravel, *Blackbox Testing*

ABSTRACT

This study aims to implement the back-end of an Umrah management information system at PT. Ajwa Tour using the Rapid Application Development (RAD) method. RAD was chosen due to the small development team, limited development time, and the need for continuous communication with users who did not yet have a clear vision of the desired system. The system was developed using the Laravel framework and tested using the Blackbox Testing method. The main features include login, registration, pilgrim data management, payment, package cancellation, data reporting, Umrah package management, departure management, sales data management, news, FAQs, user data management, and logout. The development process was carried out in two iterations, with the second iteration adding features such as departure cancellation, report printing, and user management based on operational needs. The testing results showed that all system functions ran successfully (100%), indicating that the system is functional and supports the operational needs of Umrah management at PT. Ajwa Tour.

KeyWords : *Umrah Management System, Back-End Development, Rapid Application Development, Laravel, Blackbox Testing.*