

APPLICATION OF THE RATIONAL UNIFIED PROCESS METHOD IN THE APPLICATION OF HAJJ AND UMRAH AT PT. ARMINAREKA PERDANA BENGKALIS

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Abstract

Hajj and Umrah are worships that are carried out every year by Muslims. PT. Arminareka Perdana Bengkalis is a company engaged in the field of hajj and umrah services. The problem that occurs in this company is the process of managing hajj and umrah pilgrim data which still uses paper recording, so that the administration process is less efficient and prone to errors. This study aims to apply the Rational Unified Process method in creating hajj and umrah applications. The development process will be carried out iteratively and structured with 4 main stages, namely inception, elaboration, construction, and transition. This method is applied because it allows adaptation to changing needs during the development process and ensures system quality through user testing and evaluation. The results of this study are the application of the RUP method which produces an application that is able to manage hajj and umrah registration, payments, and documentation digitally and provide easy information for prospective pilgrims.

Keywords : Rational Unified Process, Hajj and Umrah Application, PT. Arminareka Perdana, Reservation