

Abstract

The tithe and the distribution of the legacy are the crucial things in moslem life, because the two things are related to the legacy arrangement in many forms(for example; money, livestock animal,agriculture and etc).However, in fact, the implementation of the law of tithe and the distribution of the legacy is still difficult because it still the deep understanding about the law. To understand, the common moslem will consult to the islamic leader that it informant who has deep understanding about the law of the tithe and the distribution of the law. However, the consultation is limited by place and time. Because of that, in the final project will be develop an application that become as a medium in handling the problem of limitation of place and time. The development of this final project uses the model system that called Waterfall classic life cycle or linear sequential model. The model system is the structured model which is applied sequential step. The application is built using the Artificial Intellegence technique which is applied in Expert System based on Web with forward chaining as its inference method that can solve the problem, although there is no expert. This thing is appropriate with the ability of Expert System that is collect and save the knowledge of an expert or more into computer can be used by everyone who needs it. This Application is built by HTML and PHP as programming language with MySQL for its database and also Apache as web server. This final project uses XAMPP as MySQL, PHP and Apache installation package. This final project is tested not only by developer but also by the expert namely Drs. H. Dedeng Rosidin M,Ag. So that the truth of the rules which are applied for the consultation process of tithe and legacy has been guaranteed.

Keywords: tithe, legacy, expert system, forward chaining, web.