

ABSTRACT

MTs Miftahul Jannah is an educational unit that Must also manage information to make things easier for schools and students. MTs Miftahul Jannah still uses a manual system. Both in assessments, attendance and administrative activities, so it takes quite a long time and the results are not necessarily accurate. The solution to the problems that occur is to build a Website-based school academic information system that can adapt to needs and overcome problems that occur. By utilizing and applying information technology, collections of data that are interconnected with each other can be organized and then stored on a computer to make it easier for Users to access the data. So the aim of this research is to create a Website-based school academic information system to make it easier for MTs Miftahul Jannah to process student academic data. In developing this system using the Prototype method. The Prototype method is used so that the academic web system developed can fulfill or suit the school's needs. In this modeling there are stages, namely Communication, Quick plan, Modeling Quick Design, Construction of Prototype, and Deployment Delivery & Feedback. At this Communication stage, Communication is carried out to find out data processing problems and academic processes. Then, at the Quick plan stage, determine the system requirements in more detail, including the features and functions needed for the application to be designed to suit User needs. Then, at the Quick Design Modeling stage, the creation of a Unified Modeling Language (UML), Entity Relationship Diagram (ERD), and interface design. Next, at the Construction of Prototype stage, the development of the academic information system is carried out based on the final Prototype of the User Interface using the PHP programming language and MySQL database. Finally, at the Deployment Delivery & Feedback stage, the system Deployment process to the actual production environment is carried out, followed by collecting feedback from Users for system evaluation. In this research, researchers carried out tests using black box testing on functionality. The result of this research is a Website-based school academic information system, a Website created to facilitate academic activities at MTs Miftahul Jannah.

Keywords— Academic information system, Website, Prototype, MTs Miftahul Jannah