ABSTRACT

DESIGN THE WEBSITE FOR PROCESSING PURWOKERTO AL-BAROKAH MOSQUE DONATION USING THE WATERFALL METHOD

By

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Al-Barokah Purwokerto Mosque is one of the mosques in Karangbawang Teluk Village, South Purwokerto District, Banyumas Regency. The Al-Barokah Purwokerto Mosque is used for Muslim worship, a central activity in Muslim organizations such as coaching, education, learning, empowering people, and celebrating Muslim holidays. This activity is supported by the Takmir management organization of the Al-Barokah Mosque in Purwokerto. The processing of donations at the Al-Barokah Purwokerto Mosque is currently still manual, where the financial statements of donations are still recorded in a financial cash report book. And also for donations, it is still manual by coming to the mosque to donate. The purpose of doing this research is to produce a website for processing donations to the Al-Barokah Purwokerto Mosque which can help the Takmir administrators of the Al-Barokah Purwokerto Mosque in terms of processing donations and donors to donate to the mosque. The research method used is the waterfall method, where this method is considered very suitable for this research. The author chose the waterfall method because it has an easy-to-understand flow according to what the author needs in the website creation process for processing donations to the Al-Barokah Purwokerto Mosque. In this study, the waterfall method was used, which had a research flow consisting of analysis, design, coding, testing, and maintenance. The waterfall method can be concluded as having a one-by-one phase process, which is able to minimize errors that might occur and make it easier for the development of website creation. Coding uses the PHP programming language and MySQL database. Testing website results is done using blackbox testing to check the website functionality is running properly and correctly. This is proven by blackbox website admin testing with 49 scenarios and donor website blackbox testing with 8 scenarios. The test can be concluded that it has been running according to each functionality correctly and successfully. The results of the research resulted in a website for processing donations at the Al-Barokah Mosque in Purwokerto. The website for processing donations is specifically designed for the takmir administrators of the Al-Barokah Mosque in Purwokerto using the waterfall method which can be accessed by everyone or the public. The website is also designed to provide fast and accurate financial cash reports and information, and donors can donate through the website at the Al-Barokah Mosque in Purwokerto.

Keywords : Mosque, Donation, Financial Cash Reports, Website, Waterfall