

ABSTRACT

MEILINIA LAUNDRY INFORMATION SYSTEM DESIGN BASED ON WEBSITE USING SCRUM METHOD

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Laundry is a business related to clothes washing services which can now be found anywhere. With the growth of the laundry business that is growing very rapidly, it promises its own advantages, as in the city of Medan there are also laundry service users from various circles. Over time, technology continues to develop rapidly, laundry also utilizes the current system, there is also Laundry Meilinia as a research, in the use of a laundry data collection system that still applies a simple handwriting system and Microsoft Excel in making financial reports. This can lead to inaccurate reports and slow transaction processing, making it difficult to calculate costs, manage data, and find one by one of all data. So this study aims to design a website-based Laundry Meilinia information system as a case study, which uses the scrum method and the whitebox testing and blackbox testing methods. The scrum method itself has many advantages in saving time in making the website to be created, where every running sprint will be tested as a review that has been carried out and will be given suggestions that according to the owner are not in accordance with the provisions of the product backlog that has been made. Therefore, the selection of the scrum method is very appropriate in designing information systems. Based on the results of whitebox testing, logic testing is carried out by looking at the source code of the program, while blackbox testing is carried out by looking at the details of the appearance and functions of the running features, that all the expected test results are as expected, this system testing also performs a series of efficiency and effectiveness tests that get an average of 95% effectiveness and 0.07 goal/sec efficiency and testing.

Keywords: blackbox testing, information system, laundry, scrum method, website, whitebox testing