

IMPLEMENTING DESCRIPTIVE STATISTIC METHOD ON A WEB-BASED LAUNDRY SERVICE BOOKING SYSTEM (CASE STUDY: CACA LAUNDRY KERTOSONO)

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ABSTRACT

Caca Laundry Kertosono is a business engaged in laundry services by providing various services such as complete washing (dry cleaning and ironing), dry cleaning, or just ironing. Based on the analysis carried out, it is known that the current transaction system at Caca Laundry Kertosono is still not optimal, and problems are found, such as customers having to come far to the laundry place to do laundry, slow information flow, and difficult transaction report recap. The solution to this problem is that a web-based system equipped with an android mobile application can be accessed by users anytime and anywhere. The method used in this android-based laundry service ordering system is the descriptive statistical method. The system is also built-in in various stages, namely analysis, design, and implementation. At the analysis stage, the tools used for modeling are UML (Unified Modeling Language), Use Case Diagrams, and Use Case Scenarios. The design stage is carried out by designing application architecture, ERD (Entity Relationship Diagram), and User Interface. The implementation process is carried out using the MySQL database, Java programming language, and PHP. Finally, the android mobile application is built using Android Studio. The test results show that the system built is following the specified functional requirements. This research has produced an android-based laundry service ordering system that can be used on Caca Laundry Kertosono.

Keywords: laundry, ordering system, web, android, descriptive statistics.