

ABSTRACT

APPLICATION OF PRIORITY SCHEDULING METHOD IN MOBILE-BASED TOUR PACKAGE E-RESERVATION IN PT. AERO TRAVEL INDONESIA

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The role of the system as an information medium is very important in supplying information to users because it is very reliable in making decisions. In 2020, the percentage of people who travelled on trips increased to 35% from the previous year which was only 15%. There were problems, among others, when customers were looking for information about the availability of tour packages, prices and other needs, they were to contact via WhatsApp or visited the office of the travel agency providing tour packages. The method used in this research was the Prototype Method. The method used to build this application was the Priority Scheduling Method. The software used in building this application was Android Studio with the Java programming language, and php MyAdmin as the database server. This Android-based tour package booking application provides information to customers in the form of available tour packages, and makes it easier for customers to book tour packages at PT. Aero Travel Indonesia.

Keywords: Reservation, Android Studio, Prototype, Priority Scheduling.