

ABSTRACT

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DESIGN OF BACK-END PROPERTY BOOKING APPLICATION BASED ON MOBILE AT PT. BUMI REJEKI AGUNG

PT. Bumi Rejeki Agung is a Private Owned Enterprise (BUMS) which is engaged in property. Currently, technological developments are increasing continuously, this makes companies adapt to take advantage of technology into their systems. With this the authors get the opportunity to conduct an analysis for the application of technology. As a back-end assigned to do database design on a system that is made for the business process needs of the agency or company. In the implementation of KP (Professional Work), the author is involved in a mobile application design project to book a house at PT. Great Fortune Earth. Making this application aims to facilitate the collection of booking data at PT. Great Fortune Earth. In its manufacture, this mobile-based home property booking application is carried out with a system requirements analysis using elicitation that aims and also knows what system the user wants and needs. The second is to design a system using the OOAD concept which has an understanding of a new way of thinking about a problem by using a model created according to concepts around the real world (Peterdraw, 2011), after that it is made using Use Case Diagrams, Class Diagrams, Activity Diagrams Sequence Diagrams and will built using UML (Unified Modeling Language). Understanding UML itself is a visual modeling method as a tool for object-oriented system design or it can also be defined as a standard language for writing blueprints for software or software (Laksamana Rajendra, 2022). The last stage is the implementation stage based on the design that has been made using Firebase and the OOAD concept and visualizes it using the UML attached to the report.

Keywords: Design, Information Systems, UML