

ABSTRACT

The Borrowing Room and Telkom University building application is a web-based application that functions as a medium for students or lecturers to borrow public spaces and rent buildings at Telkom University and the general public is allowed to rent buildings at Telkom University. This application is online so that it helps students, lecturers, and the general public to borrow public spaces and rent buildings at Telkom University. The main problem experienced by students and lecturers when borrowing rooms and building rentals is that they must first come to the logistics room in question at each faculty or building to check the available room or building and must complete the file for leasing the room or building rental file, resulting in its duration the process of checking and borrowing rooms and building leases. Therefore, a web-based application for borrowing public spaces and Telkom University buildings was made. The approach used in working on this application is the Prototype model, allowing developers to create a software model, this method is best used if the client cannot provide maximum information to recognize the needs he wants. Often customers fail to determine more detailed inputs, the desired processes and expected outputs, causing developers to be unsure of the efficiency of the algorithms they make, making it difficult to adjust the operating system, as well as human and machine interactions that must be taken.

Keywords: Application, loan, rental, public space, building, prototype.