

APLIKASI E-PARKIR DENGAN QR-CODE BERBASIS WEBSITE MENGGUNAKAN METODE EXTREME PROGRAMMING (XP)

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ABSTRACT

A parking lot is a place provided for off-road parking of motorcycles and cars provided by a person or entity, including a vehicle storage area. In managing the parking lot, the parking owner must have a system to facilitate the processing of the parking lot. There are some users who leave their vehicles for days. There are also users who leave their vehicles to work. With several differences in users, parking managers will also be increasingly confused about how to differentiate user vehicles. Then a system is needed to distinguish the types of vehicle parking, so that it can make it easier for managers to differentiate user parking. In this information system, the application can distinguish the vehicles of users who leave their vehicles for days and users who leave their vehicles only for work at different rates. So that it can make it easier for officers when paying vehicle parking rates. This system will be made website-based using the Extreme Programming (XP) method. Extreme Programming is a software development method that includes agile development that uses an object-oriented approach and includes a set of rules that occur in planning, design, coding and testing activities. This application is designed and built to meet the needs above, so officers can easily determine how much the user has to pay for the amount of time the user has left the vehicle.

Keyword: Parking, E-Parking, Extreme Programming