

The Design of RFID-based Parking System to Reduce Company's Operating Costs

A Noeman¹, A Hiswara² and A Fauzi³

^{1,2,3} Universitas Bhayangkara Jakarta Raya, Indonesia

¹achmad.noeman@dsn.ubharajaya.ac.id

Abstract. The study was aimed to design a vehicle parking information system, which uses Radio-Frequency Identification (RFID) cards. The study was done in three stages, which are identifying requirement plan, design workshop, and implementation. Through this research, a parking information system using RFID cards was resulted. With this information system, the parking process can be simplified and incoming and outgoing process of vehicles can be accelerated. The issues such the damage of the parking tickets can be solved, and payment system can be done in effective and efficient manners. Finally, it benefits the companies through reduction of company's operating costs.