ABSTRACT

Nowadays, the parking security system of IT Telkom is not too good, so the new of parking security system is suggested. Powered with camera, print out of ticket and data base programming, hope the procedure of parking system of IT Telkom become easier and better.

Final project titled ***Implementation of Computerized Parking Security System of Motorcycle Powered With Camera in IT TELKOM***, tell about the new design and implementation of parking security. To make this final project, need the camera to take the picture as auntentic evidence of owner, use the printer to make the print out of ticket that can not manipulate, use Action Script 3 as main program, PHP connect the program to basic data, adobe flex builder 3 to compile action script's code become complete program, xampp as server , and MySQL as basic data program. Result of these application are application desktop as front-end and web application as back-end. Front-end is pointed to operator and member of parking. Front-end will arrange the process of check-in and check-out of parking area , while back-end is pointed only to operator to control the program if there are mistake of input and make the report of parking area.

Many problems in the parking area of IT Telkom, is hoped can be decreased by using the new implementation of parking security system which is suggested in this final project, that can make parking system of IT Telkom become easier and better.

Key words : database, security system, computer system