

## **ABSTRACT**

### **DESIGNING A PROTOTYPE USER INTERFACE OF THE PARKTIS APPLICATION AS A SOLUTION FOR FINDING A CAR PARK SPACE**

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*High population expansion can have an effect on increasing the number of vehicles, especially four-wheeled vehicles. The issue of parking demands is a common and frequent occurrence in Indonesia. The number of parking systems available today in shopping centers only records the time of entry and exit of the car and calculates how long the car has been in the parking lot. By keeping up with the development of technology that is developing today, the human character changes to want everything to be done easier and faster, as is the case with parking activities. The use of technology today can be used in various kinds of human activities which certainly provide good benefits for humans themselves, therefore a parking application is needed that can change the way of parking and can help achieve parking destinations easily. The user interface of the application is important and must be considered, because through the user interface, users can interact with the system. The user interface must match the user's needs from the features to the design for which the application is created. The method used in this design is a qualitative method, a data search method used for the needs of designing a prototype user interface of the PARKTIS application.*

**Keywords:** *Parking, Application, User Interface*

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