VehiPark- Online Vehicle Parking Management System

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Traffic congestion is exacerbated by the parking issue. The proposed vehicle parking system is built with Android (Mobile) and Web Applications. Android (Mobile) application is for car owners to book their parking space and Web application is for park owners to design their park and easily update park information. In addition, our project's goal will be outlined. Traditional methods of arranging a car slot do not appear more efficient. Many human resources are required to keep track of the details of the individual who reserved the parking space. The primary goal of this project is to create a new smart parking system that assists vehicles in identifying parking slots in a specific parking area. For this paper's data collection methods, document analysis and questionnaires were used. It was discovered that the current technique is time-consuming and generates gridlock when there is no proper and simple system in place to govern parking spaces. This proposed system would allow consumers to book a car slot before arriving at their selected location. This system results in functions such as displaying available parking spaces, accepting money for parking spaces, and legally accepting booking a slot.

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