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(57) Abstract :
Abstract Today, in our worldwide evolution, no one will go anywhere without a car, both businesspeople and employees. Most people use their automobiles mostly in cities for commuting to work, shopping, and other purposes. The primary issue, however, is where to park these vehicles because, in some locations, there may not be enough space for all the cars to park, making it quite crowded. A smart card is often an embedded system chip with storage that can decide things. Any pocket-sized card having integrated electronic components that can acquire knowledge is referred to as a smart card, microchip card, or electronic circuit card. In this project, we're employing a contact smart card, which communicates its contents to the card reader by being inserted into the reader. When a legitimate user with a card enters the parking garage of an accommodation, business, or residential area, the card is recognized and permits the staff to open the gate for automobile parking; if the cards is not authorised at that community, an alarm is triggered to alert the staff members.

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