

SMART PARKING SYSTEM

Present day's car parking has become major issue in urban area with lack of parking facilities. It is very difficult and frustrating to find a parking space in most metropolitan areas, especially during the rush hours. To solve these problems the proposed application provides an easy way for reservation of parking slot. In this application user can view various parking areas and also can view whether space is available or not. If the booking space is available then he can book it for specific time slot. Our system aims to reduce the human intervention to the minimal by automating the process of car parking. This in turn would prove to be useful in reducing the time required for search of free parking space by manually driving through multiple slots. Facilities of both coin and OTP will make this system secure during opening of entry gate. Application makes it interesting as the booking of the slot can be done through it. Once it is booked, flashing of LED will guide the driver for his reserved slot. After booking the slot, it will remain booked for some allotted time and will be represented as vacant after the time elapsed.

